

TIFFANY & Co.

JEWELERS SILVERSMITHS STATIONERS

PEARL NECKLACES

*A Stock Unique in Scope
Quality and Value*

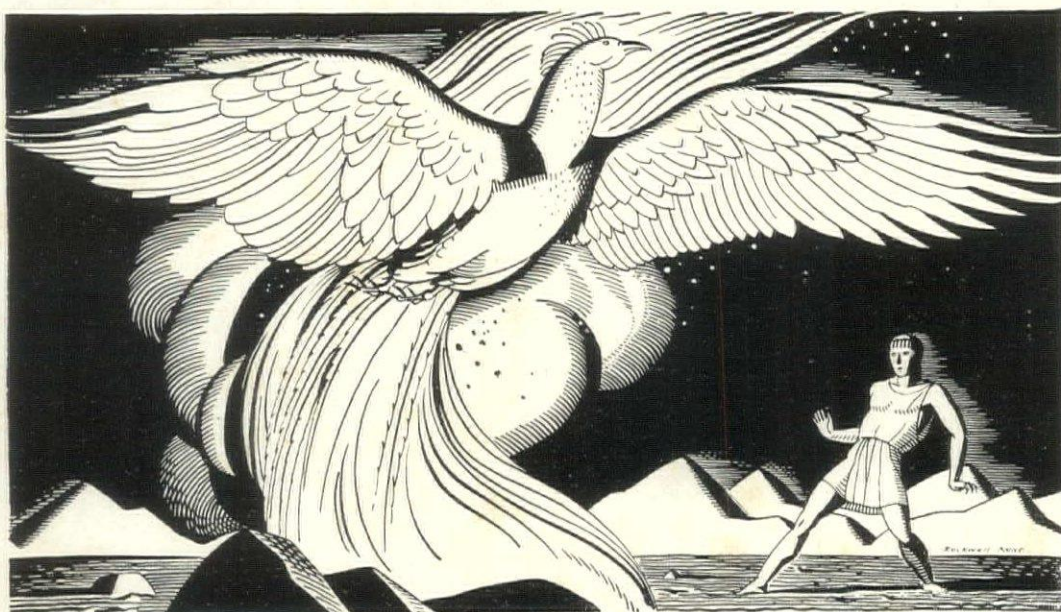
MAIL INQUIRIES RECEIVE PROMPT ATTENTION

FIFTH AVENUE & 37TH STREET - NEW YORK



Mes jeunes années
Caron's new face powders
and rouges

CARON CORP., 389 FIFTH AVE., NEW YORK



RENAISSANCE

IT IS seldom enough that one encounters beauty in this world, but it is rare indeed to find beauty combined with that indefinable quality known as style. Those things which are endowed with both, are rightly numbered among the most precious of possessions. And it is for jewels of this description that fastidious people are accustomed to turn to Marcus & Company.

It has long been a part of the service extended to patrons of this house to redesign and remount unworn jewels. Many of these pieces include stones of undoubted merit—mounted, perhaps, in somewhat *passé* fashion, but admirably adaptable to modern styles. . . . Given the skill and imagination of the best artists, these can be worked into ornaments of striking individuality and charm.

One can almost see them blink as they are brought into the sunlight—these fine, out-moded jewels of yesterday. Out of

the dark of treasure vaults, from safe deposit boxes and jewel cases they come to innovate a new existence. Here they receive a fresh and modern beauty. Here they are moulded to a purer grace.

In recent years many well-known families have realized the possibilities in these unworn jewels. They have brought them to this establishment to be examined. And here they find their ultimate disposal—either to remain in payment for new purchases, or to return in new-born splendor to their owners . . . transformed and lovely beyond recognition.

Pearl necklaces from \$115,000 to \$200. Marquise and emerald-cut diamonds from \$35,000 to \$2500. Star rubies and star sapphires, black opals, precious and semi-precious stones of exceptional beauty and quality, from \$5000 to \$50.

The Palm Beach Branch will be open during the months of January, February and March.

MARCUS & COMPANY

JEWELERS

WM. ELDER MARCUS, JR.

CHAPIN MARCUS

At the corner of Fifth Avenue and 45th Street, New York; and Palm Beach

© 1928



NOBODY CAN POSSIBLY FEEL FRIVOLOUS
WITHOUT A LIPSTICK. AND NO FRIVOLITY
IS SUCCESSFUL UNLESS IT IS CHIC..

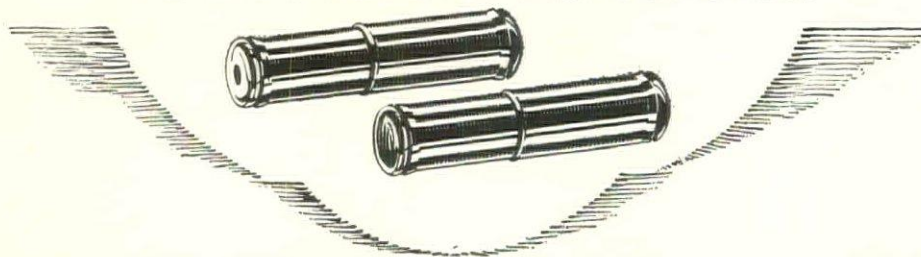
THE ANSWER IS OBVIOUS:

GUERLAIN

NEW YORK
570
MADISON
AVENUE

THE RED DOT IDENTIFIES THE DAYTIME SHADE
THE OTHER IS A LIGHTER SHADE FOR EVENING WEAR

PARIS
60
CHAMPS
ELYSEES



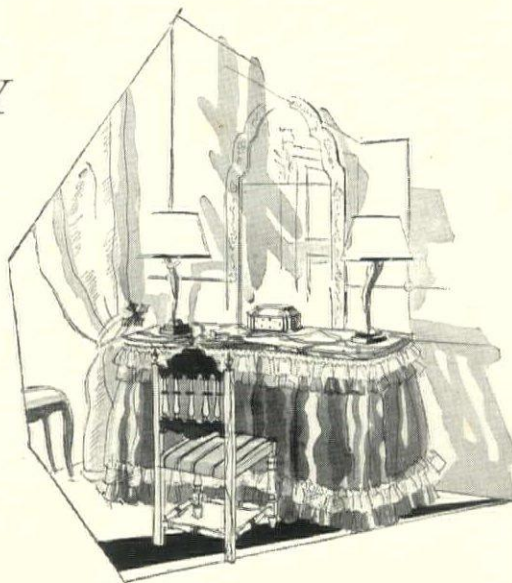
FIFTH AVE.

B. Altman & Co.

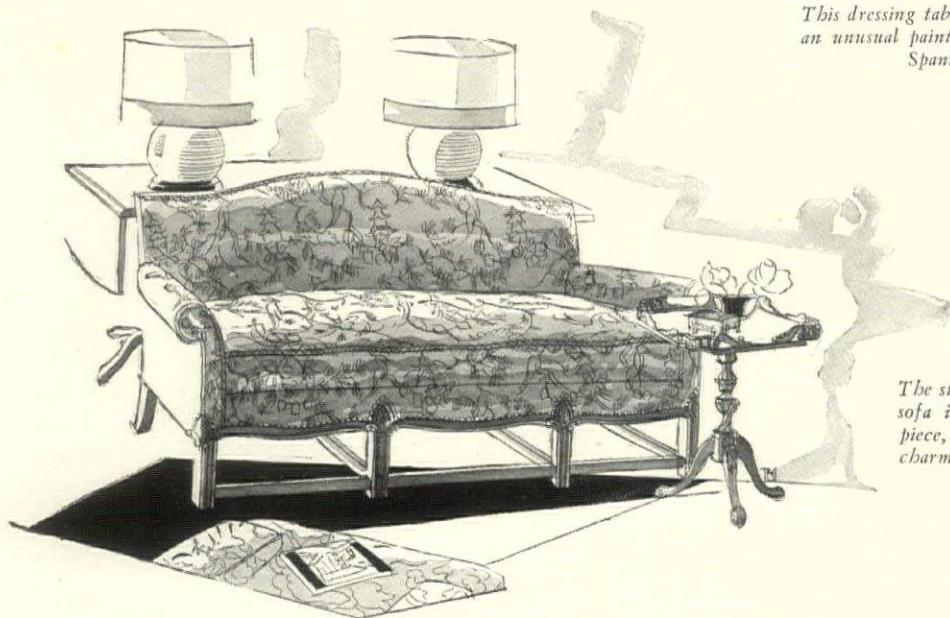
NEW YORK

FURNITURE of OLD BEAUTY MODERNLY STYLED

The furniture most sought today is furniture with all the old beauties of the historic styles, interpreted with modern feeling and with real distinction in qualities of construction and finish. This describes Altman furniture, much of which is made exclusively.

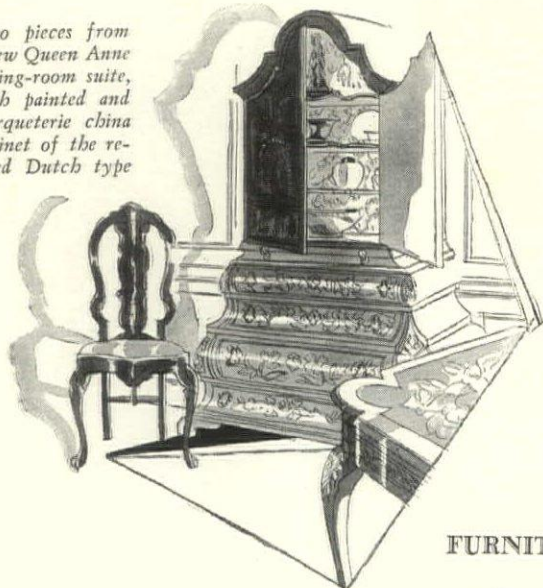


This dressing table and chair are part of an unusual painted bedroom set in the Spanish manner



The straight-line Chippendale sofa is a very distinguished piece, shown here with a charming incidental table in mahogany

Two pieces from a new Queen Anne dining-room suite, with painted and marqueterie china cabinet of the related Dutch type



In addition to pieces of exclusive manufacture in this country, such as the famous Altman "Super-easy" chairs, there are a great many unusual importations, including an interesting group of Provencal pieces for modern homes.

A completely organized Department of Interior Decoration is equipped to plan, estimate and create single rooms or the largest decorative projects, and to furnish advice on the selection of draperies, floor coverings, lamps and other decorative accessories of distinction.

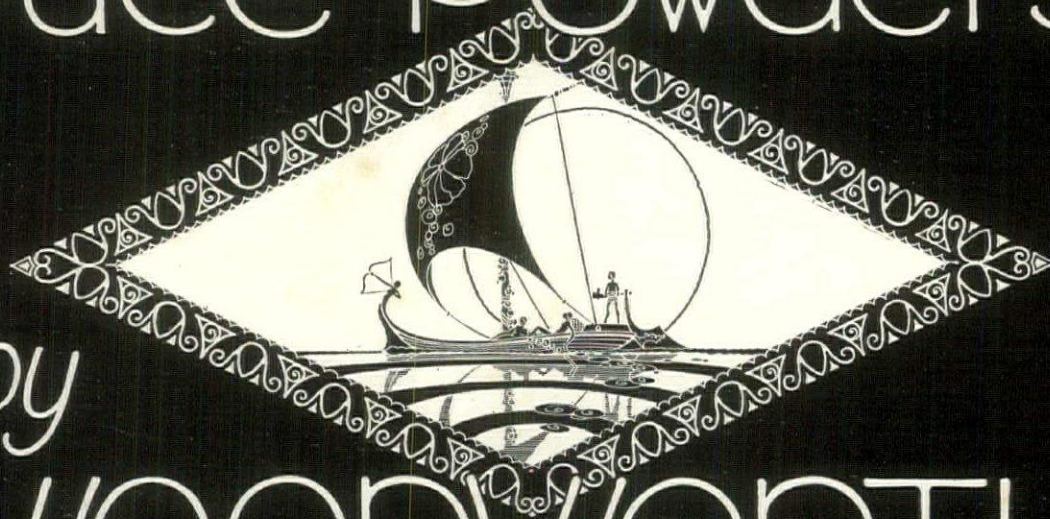
Careful attention is paid to out-of-town correspondence, and we are glad to send a copy of our magazine, "Furnishing the Home," on request

FURNITURE—SEVENTH FLOOR

Face Powders

by

WOODWORTH



Creators of Exclusive
Powders and Perfumes
since 1854 in the
fashionable odors
VIEGAY & KARESS
and FIANCEE

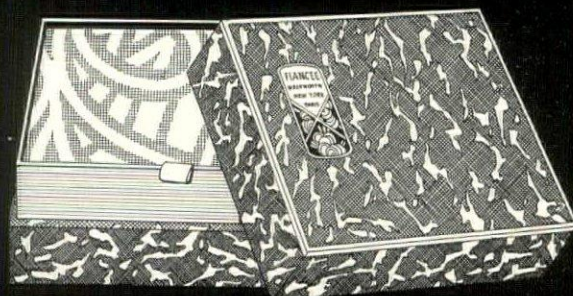


Viegay
\$ 2.50

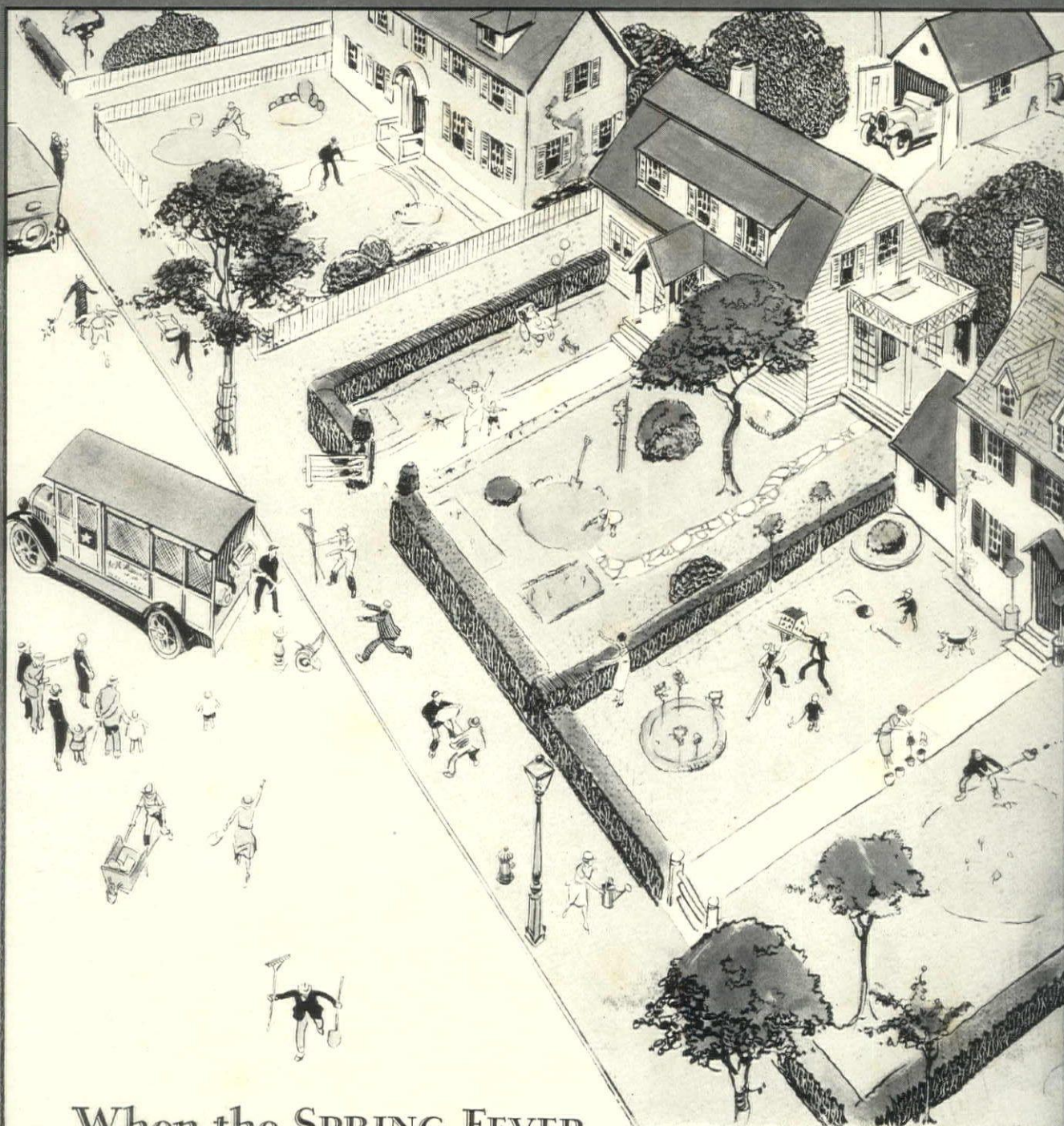


Karess
\$ 2.00

WOODWORTH *Inc*
New York ~ Paris



Fiancée
\$ 1.00



When the SPRING FEVER
for Gardening sets in =

MACY'S

34th Street and Broadway
New York City

COME to Macy's for your tools, equipment, seeds, shrubs, everything you need. For years, our garden section has been a Mecca to professional and amateur gardeners. Two excellent reasons—brimful stocks afford wide selection, and prices are always low for value received. » »

The American Gentlewoman,
like the Parisienne, is show-
ing a *penchant* for dainty
floral *odeurs*-and a prefer-
ence for Isabey's floral
odeurs.. Gardenia.. Lys
[Lily].. Violette and Jasmin.
Only Isabey offers such a
varied selection among
floral *odeurs* that are the
present trend of Fashion.
At exclusive shops everywhere.

ISABEY-PARIS Inc.
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SEALED &
PACKAGED
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FRANCE



**PARFUMS
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Originally
created
for the
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one of the
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Nobility
of France

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LUCIEN VOGEL



exposition of
MODERN
french decorative
ART

AS A FURTHER STEP IN SPONSORING THIS NEW ART OF
THE 20th CENTURY—LORD AND TAYLOR HAVE CREAT-
ED A PERMANENT DEPARTMENT OF MODERN DECORA-
TION AND ARE EXHIBITING FIVE ROOMS DECORATED
BY THEIR STAFF.

KENSINGTON FURNITURE

AWARDED GOLD MEDAL OF HONOR IN NATIVE INDUSTRIAL ART
39TH ANNUAL EXHIBITION ARCHITECTURAL LEAGUE OF NEW YORK



A WALL IN THE SHOWROOMS

17th CENTURY ENGLISH OAK DRESSER
AND CHAIRS, BY KENSINGTON.

*

MUCH of the fascination of 17th Century English oak furniture lies in its livable quality—the sense it imparts of homely service. Especially characteristic are the dressers. The long, low type provided an ample and convenient service board for the refreshment of the squire's guests, and around it were enacted the homely and familiar as well as the convivial scenes of healthy English

country life. Today in living-hall or dining room it seems to express something of the sturdy spirit and the warm hospitality that characterized English life of the period.

Reproductions by Kensington are authentic in every detail of design and are made of the solid oak by hand throughout in antique construction in a manner to retain the character and the decorative quality that are the charm of the old work.

*

Kensington Furniture is made in all the decorative styles appropriate for American homes. ☉ ☉ ☉ ☉

The purchase of Kensington Furniture may be arranged through your decorator or furniture dealer


KENSINGTON MFG COMPANY
MANUFACTURERS
DECORATIVE FURNITURE
NEW YORK

Write for illustrated Booklet H and pamphlet, "How Kensington Furniture May Be Purchased"

SHOWROOMS • 41 WEST 45th STREET • SIXTH FLOOR



Hampton Shops

Like some sunny window in a stately country home is this charming composition in the Great Hall at the Hampton Shops. For, in this pleasant and convenient grouping of table, sofa and chair there is an unmistakable livableness . . . It is interiors of

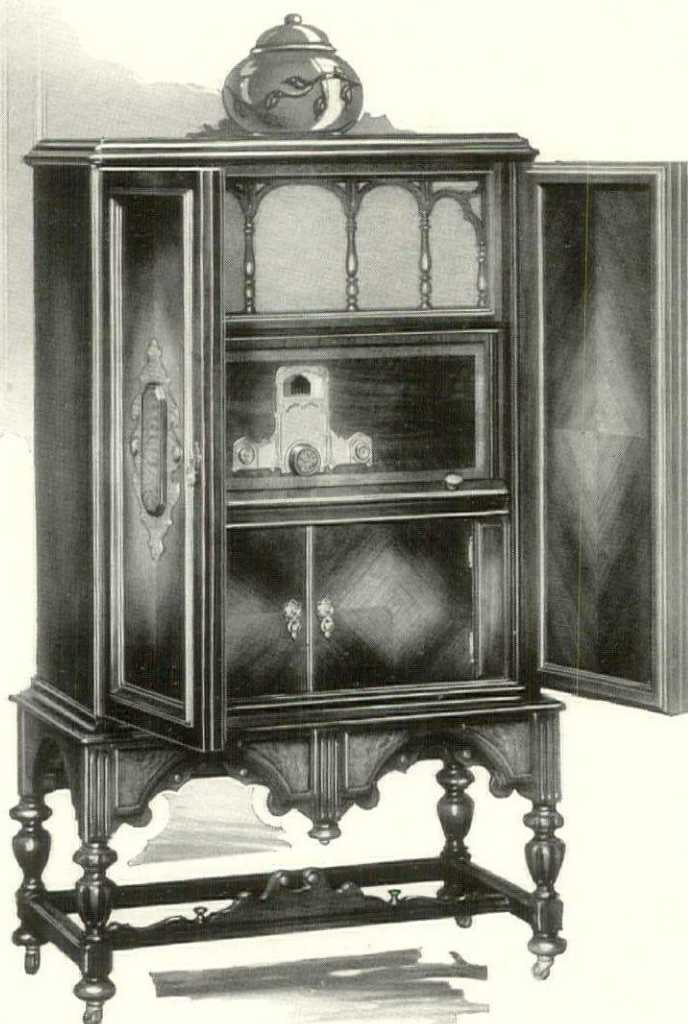
such delightful quality as these that the Hampton Decorators so successfully create, complete in every architectural detail; in every well-chosen article of furniture; in all those many things that go to make the really charming and perfect home.



EIGHTEEN EAST FIFTIETH STREET • • NEW YORK

AN EXQUISITE FLOOD

*of unmarred tone is as easily yours
to command with the Federal
as the brilliance of electricity
... by the throw of a switch*



F-45-60—\$600

All-electric operation that is quiet; free from hum and distortion—and safe. No batteries, liquids or adjustments. ¶Housed in cabinets of rarely beautiful design and finish. Built throughout by pioneers in the radio industry, manufacturers of electrical sound transmission instruments for more than a quarter century. Prices from \$75 to \$1250 (higher in Canada). ¶Battery-operated sets too. Sold on deferred payments if desired. See your designated Federal retailer.

FEDERAL RADIO CORPORATION, Buffalo, N. Y.
(Division of The Federal Telephone Manufacturing Corporation)
Operating Broadcast Station WGR at Buffalo
Federal Ortho-Sonic Radio, Ltd., Bridgeburg, Ont.

[*Waiting for your name and address*
A handsome art-folio giving full details of
these beautiful and exclusive radio sets. Write
for your copy now.

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RADIO

Licensed under patents owned and/or controlled by Radio Corporation of America, and in Canada by Canadian Radio Patents, Ltd.

B U I L T T O E X C E E D Y O U R E X P E C T A T I O N



THE Old English character of this room, modified by the furniture of later design, illustrates our policy of combining the best of decorative traditions with the elements of comfort and livability. We are prepared to handle decorating contracts in every part of the United States and Canada, and welcome your inquiry, whether for an occasional piece, furnishings for a single room or a complete plan of decoration.

TIFFANY & STUDIOS

MADISON AVENUE AT 47TH STREET - NEW YORK

INTERIOR DECORATION · LIGHTING FIXTURES · ORNAMENTAL BRONZE AND IRON



Send for interesting booklet H, describing the activities of Tiffany Studios.

To the
knowing
hostess..



There is a subtle difference that marks
the distinguished table



AS THE HOSTESS plans the dinner table, a certain elation is hers, comparable only to the feeling an artist knows. As each appointment is selected, its color and its shape are imagined in her mind as part of the final composition. For it is planning the table for ensemble effect that creates the subtle difference that makes the truly distinguished table. To create this all-important ensemble effect the hostess looks to her linen damask tablecloth and napkins.

Then, standing with her butler, she views the finished table. She sees how the lustrous white

background of linen damask gives a gracious enhancement, a suave unification of the setting as a whole. No wonder that to the astute hostess no accessories to the art of dinner-giving are more prized than tablecloths and napkins of lovely linen damask.

Bring New Beauty to Your Table

"We Dine on Linen Damask" contains descriptions and illustrations of beautiful tables that the knowing hostess will appreciate as a constant source of valuable suggestion. This book sent for 25c. Address—The Irish & Scottish Linen Damask Guild, Inc., Dept. 12-H, 260 West Broadway, New York, N. Y.

LINEN DAMASK
TABLECLOTHS & NAPKINS
impressively correct



© 1928, Kittinger Company

Bed-Room Furniture by Kittinger Re-creates Authentic Period Designs



The "Raleigh" . . . one of a new series of bedroom suites by Kittinger . . . reflects the sturdy dignity and beauty of early English period furniture. The substantial proportions of the heavier pieces, suggestive of Tudor strength, have masculine appeal . . .

the low cabinet lines, the gracefully expanding linenfold carvings, the carefully harmonized pieces for suitable arrangement in bedroom and boudoir gratify a womanly appreciation of luxury and refinement.

Like all Kittinger Furniture, this entire suite has been executed in solid wood throughout. Only the finest cabinet woods . . . usually American Walnut or Honduras Mahogany . . . are worthy of Kittinger design and workmanship. No substitute woods are ever used . . . even in hidden or minor parts. The deep carvings are the work of master craftsmen

who take pride in working in carefully-selected solid woods.

Like Kittinger suites and occasional pieces for living-room and dining-room and hall, this bedroom furniture possesses an heirloom value associated with the creations of a Chippendale, a Heppelwhite, or a Duncan Phyfe. And yet, because of Kittinger methods of production, its cost is far less than is usually expected.

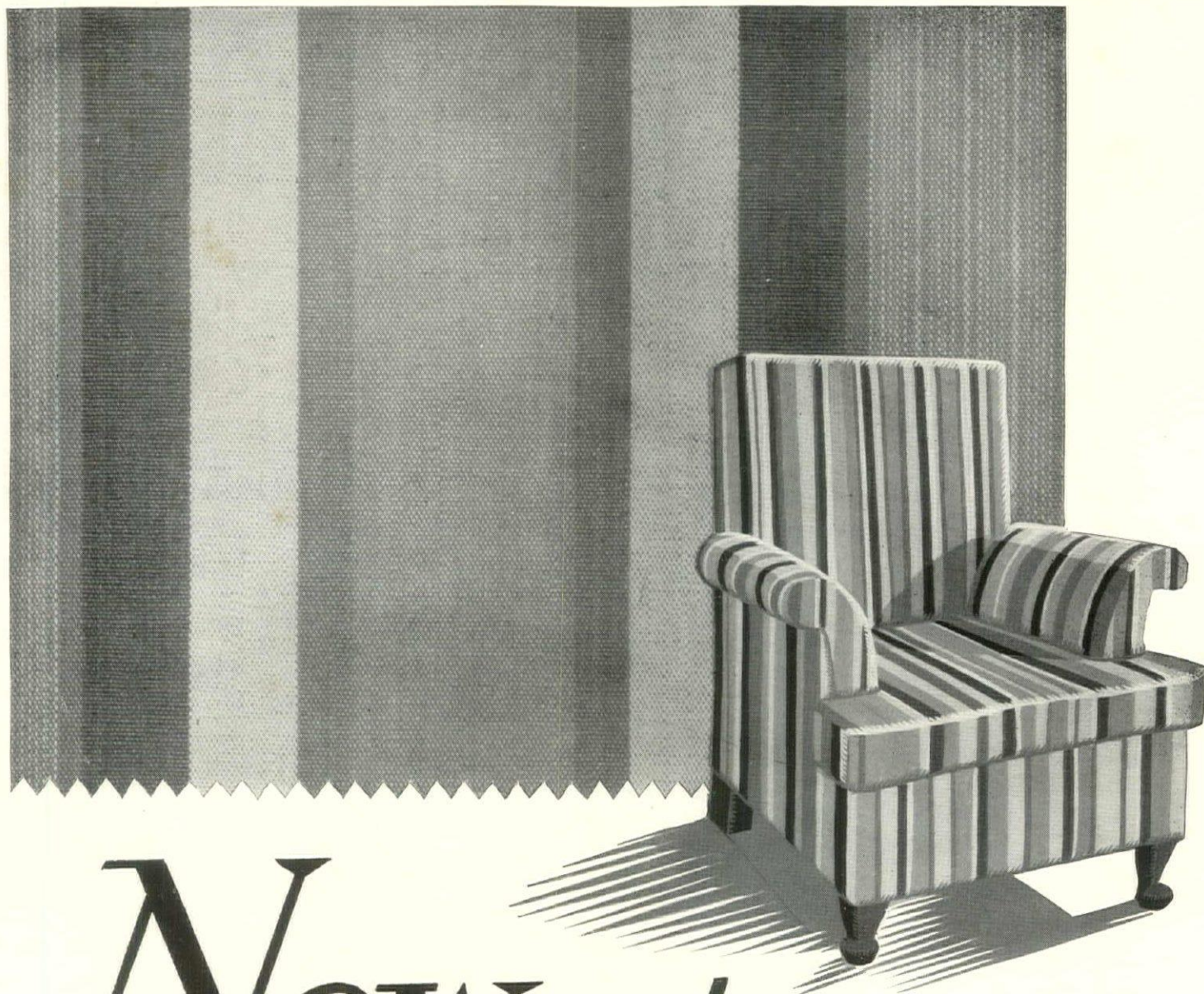
A brochure describing the "Raleigh" bedroom suite together with literature about other Kittinger Distinctive Furniture for the home, club or office, will be sent on request. Kittinger Company, 1862 Elmwood Avenue, Buffalo, N. Y.

*For over sixty years makers of fine furniture
in solid woods only . . . principally Walnut,
Mahogany and Oak.*



KITTINGER

Distinctive Furniture



Now. . . this amazing new finish . . .

WATERPROOF. Stainproof. Mildew-proof. Crackleproof. Fadeproof. That is the story of Lancaster Stayso Slip-cover Cloth. It has the firm weave and roughish texture of linen; a dull, rich sheen; and a superb permanent finish. All make it ideal for slip-covers, porch furniture upholstery, beach umbrellas, draperies, bathing capes

—in short, for a score of interesting uses.

For years Lancaster Slip-cover Cloth has had merited and wide popularity. With this new finish, it is making many new friends.

Ask to see it in your favorite department store or write for samples. Made in four color combinations of Roman stripes. Please give key color of your room when writing.

Amory, Browne & Co.

Dept. D-1, Box 1206, Boston, Mass.

LANCASTER FABRICS

Good Taste Plus Good Judgment

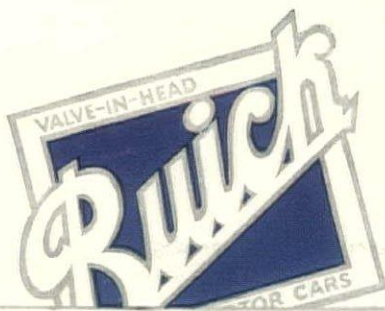
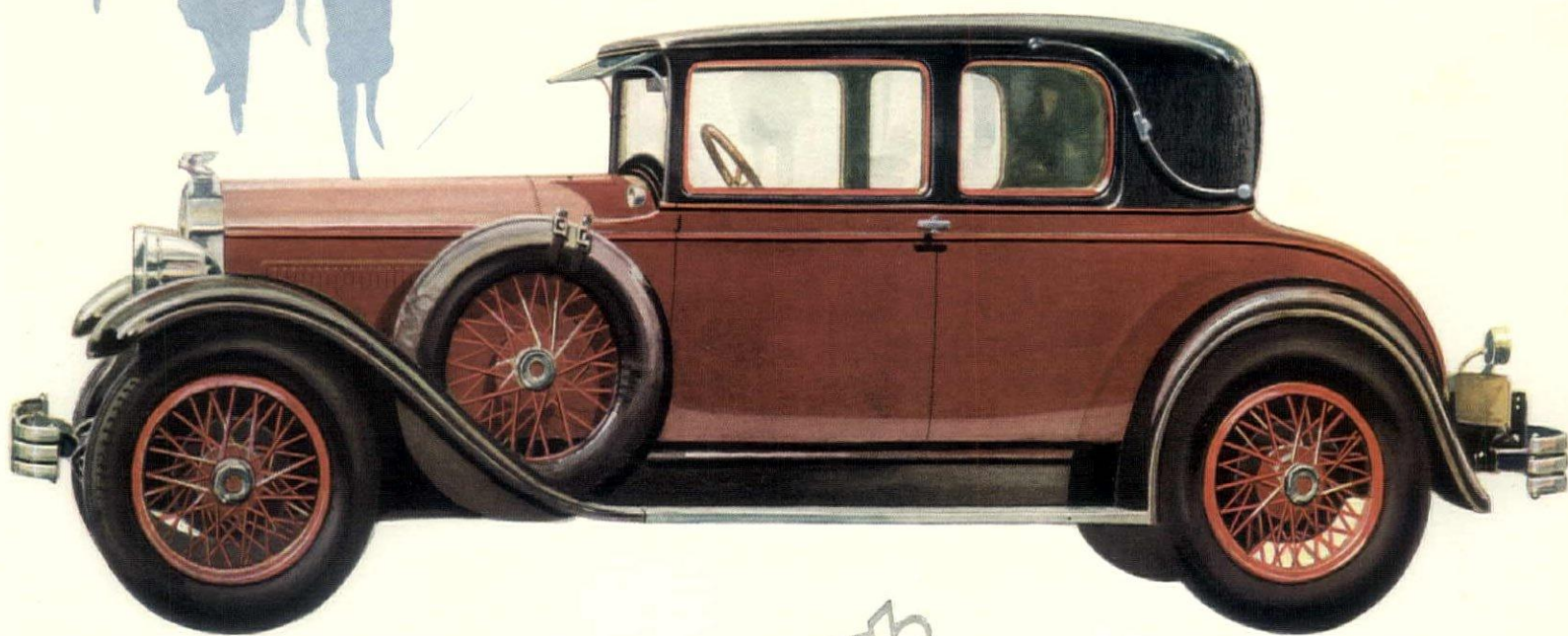
One of the joys of Buick ownership is that you pay no premium for Buick prestige.

Buick gratifies its owner's highest desires without taxing his purse—permits him to save without depriving him of any luxury.

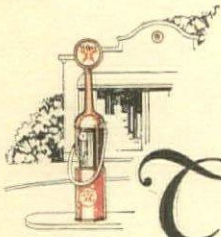
Of what other car can this be truthfully said? In what other car will you find the beauty of Buick bodies by Fisher—the comfort of Buick's Lovejoy hydraulic shock absorbers—and the vibrationless performance of Buick's valve-in-head six-cylinder engine—without paying considerably more than Buick price?

Ownership of a Buick is not only a mark of good taste. It is also a mark of good business judgment.

BUICK



WHEN BETTER AUTOMOBILES ARE BUILT • BUICK WILL BUILD THEM

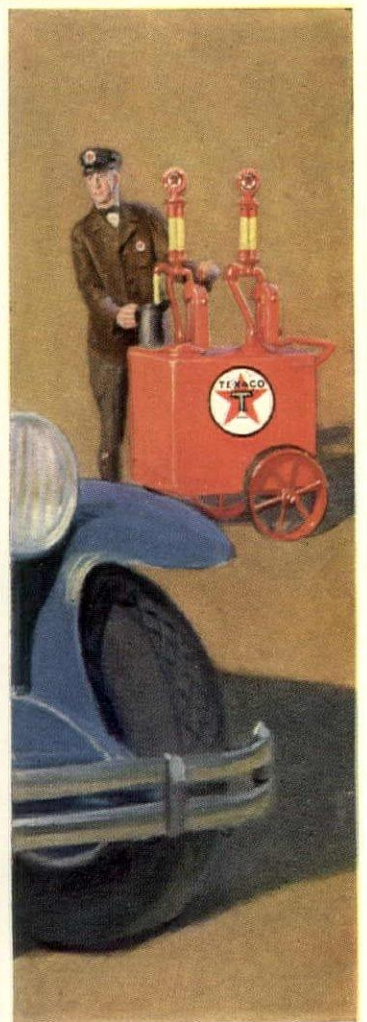
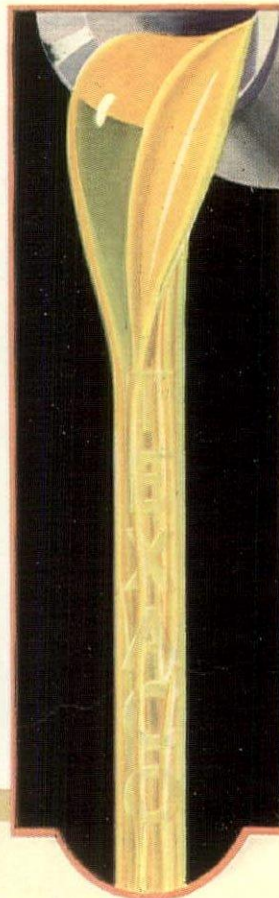


THE full, viscous body of Texaco Motor Oil, no less than its clear, golden purity, accounts for its acceptance among motorists who know and care . . . Dispensed throughout the country in grades appropriate to the requirements of all makes of automobiles.

FULL BODY



IN ALL GRADES



TEXACO

GOLDEN
MOTOR OIL

The Texas Company, 17 Battery Place, New York City, *Texaco Petroleum Products*

Nahton



NAHON FURNITURE is made exclusively in our own shops, and sold only through the trade. It may be seen to best advantage in our extensive showrooms, which are always open to the public.

NAHON FURNITURE is unsurpassed by the best of foreign make in design, quality of materials, and in workmanship. It is manufactured, moreover, with special regard to our peculiar climatic conditions. * * * As there are no heavy transportation costs and import duties to be paid, it may be purchased at far more reasonable prices than is the case with furniture from abroad.

We shall be pleased to send you upon request a copy of our illustrated booklet

The Nahton Company
Manufacturers to the Decorative Trade

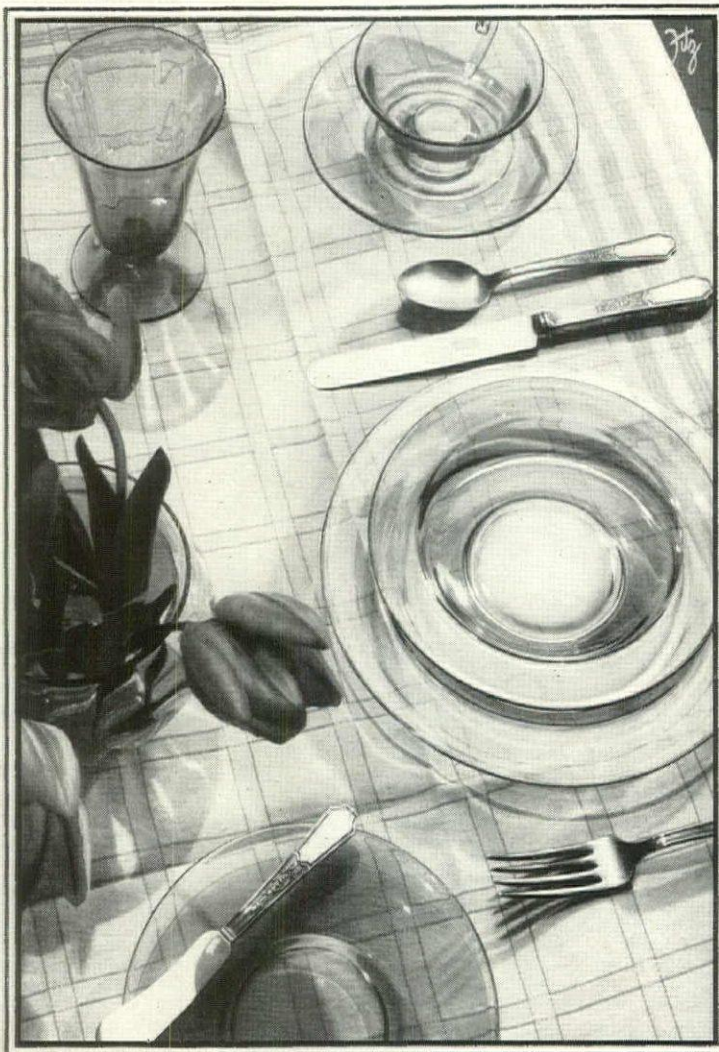
52ND STREET AND EAST RIVER NEW YORK CITY



SHERMAN TILTING TABLE

This attractive table, in the Queen Anne style, is most graceful in line, with an unusual pie crust top. The table is of Cuban mahogany throughout. The top is 36 inches wide, and the height is 29½ inches. It may be purchased through your decorator or furniture dealer.

Price \$49.50 f. o. b. New York



Reg. U. S. Pat. Office

Fostoria sets the glassware fashions. Every genuine Fostoria piece leaves the factory bearing this brown and white label.

Fostoria

FINE CRYSTAL AND DECORATED GLASSWARE

HERE is a table, cheerful and modern, with a colorful simplicity that makes breakfast the most delightful meal of the day:

A PEASANT LINEN CLOTH, *with a gay border or colored stripes. Orange or blue or green predominating.*

A FOSTORIA BOWL—*amber, blue or green, with a few hyacinths, narcissus or tulips, in your favorite spring shade, arranged simply.*

FOSTORIA FOOTED TUMBLERS, *amber.*

BREAKFAST PLATES, BREAD AND BUTTER PLATES, *also amber.*

CEREAL BOWLS, *amber or blue or green.*

COFFEE CUPS, *amber.*

AN AMBER PLATTER. AN AMBER NAPPY.

SUGAR BOWL AND CREAM PITCHER. SALT AND PEPPER SHAKERS. *In amber, blue or green.*

ORANGE JUICE GLASSES or GRAPEFRUIT DISHES, *in crystal or amber.*

FINGER BOWLS, *amber or crystal.*

THE SILVER *needed for breakfast.*

For informal meals, the plain Fostoria in one, two or three colors, combined as you like, is a happy choice. Etched Fostoria with its true elegance is the fashion for a formal occasion. Real Fostoria is made in crystal, green, amber, orchid, a new blue—Azure; Dawn, a new rose, and in a permanent iridescent finish. This finest modern American glass is moderately priced. You will be astonished that a complete dinner service with matching stemware can cost so little.

"The Little Book About Glassware" gives many delightful suggestions for table-setting. Send for your free copy. Address The Fostoria Glass Company, Moundsville, W. Va.



In our showrooms

Wholesale only

Harry Meyers Co.

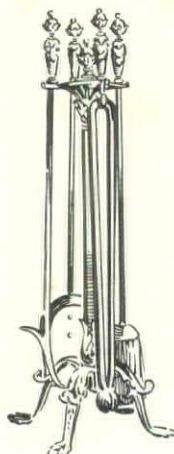
*136 West 52nd Street
New York*



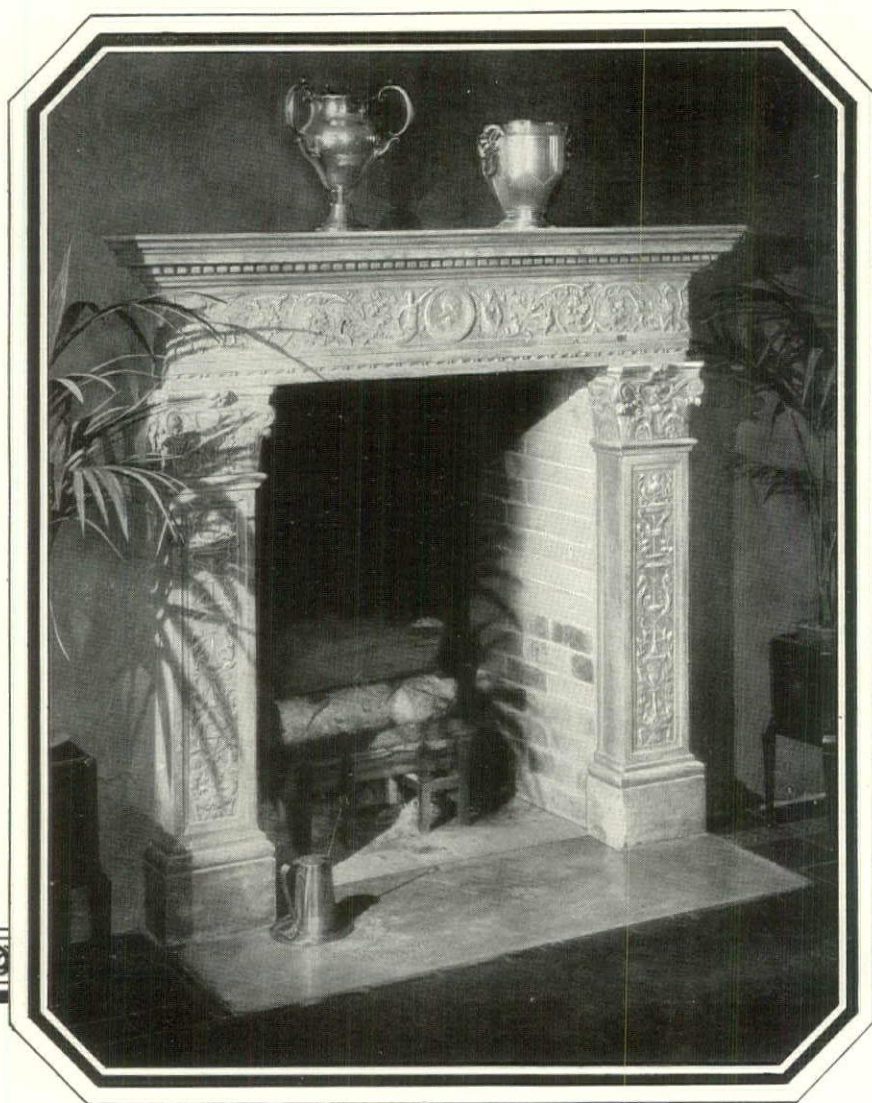
*820 Tower Court
Chicago*

MANUFACTURERS of FURNITURE ~ IMPORTERS of ANTIQUES

Few Greater Joys Than



ANTIQUE Marble Mantel imported from Italy. Antique Mantels of the various English and Italian periods, secured by our representatives abroad, priced \$300 to \$8000.



*N*O nook or cranny, be it blest with fondest memories, can surpass the cozy hearth. For here one comes to while away an idle hour, an hour free from haste and care and from the world. Twilight fades into an ebon night; and in the burning glow and crackling log one sees a face. One lives again the days of yesterday, then plans anew those of tomorrow. Solitude, happiness, sweet reveries—spell of the hearth!

In the din and hustle of today we need this refuge of the hearth. The pains we take in making it a lovely spot soon find their own reward. No mantel or fixture is too fine to share in its making.

The mantels available through the House of Jackson will help in making your fireplace distinctive. For we offer genuine antique mantels in stone and marble, carved by hand. Some ornate, others of refined simplicity, with blending colors of luxurious hues. Many of these Old World mantels date back hundreds of years, fitting examples of noted periods when artistry and craftsmanship differed widely from that of the present day.

MANTELS



WM. H. JACKSON COMPANY

2 WEST 47TH STREET NEW YORK 318 N. MICHIGAN AVE. CHICAGO

ESTABLISHED IN THE
YEAR 1827

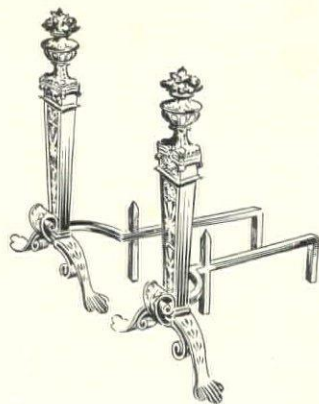
THE OLDEST HOUSE OF
ITS KIND IN AMERICA

This — A Glowing Hearth

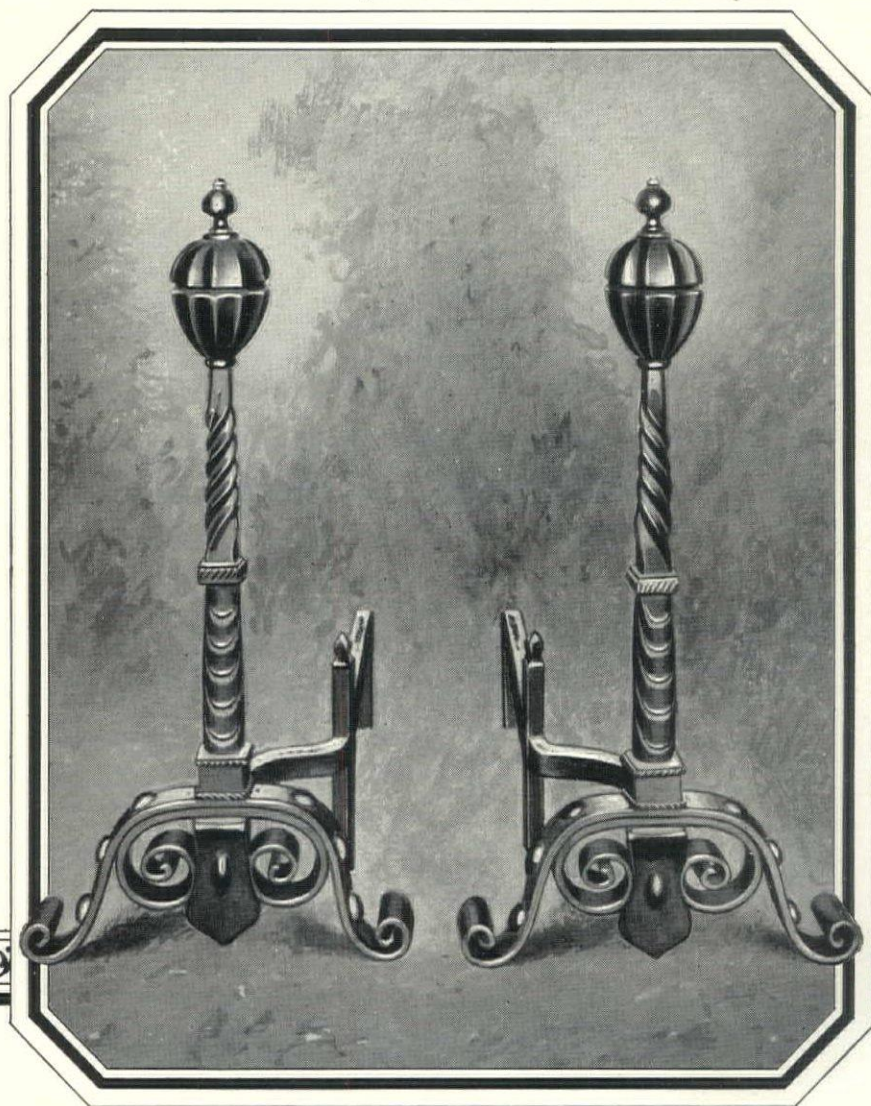
A LOWLY hearth that warms the peasant's cot in Brittany may spread its restful comfort as aptly as the fireplace of some urban palace. For the peasant seeks utility alone. But in the modern homes of America the quality of beauty must combine with that of usefulness.

To fill this two-fold purpose The House of Jackson offers accessories for the fireplace—accessories of the usual kind but with a touch of individuality. Jackson Andirons, for example, wrought by hand from iron, brass and bronze in the various period patterns, have earned renown as far flung as our antique mantels. Some of sturdy stature, some more frail—all exclusive creations of this House.

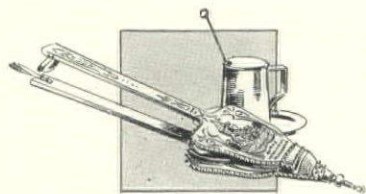
There are the other fittings—woodholders, bellows, fenders, screens and fireplace sets—everything for the hearths of well appointed homes. Whether building new or remodelling, you will find our service helpful. Our New York and Chicago shops contain exhibits that are always open to visitors. If unable to call, you can communicate with us direct or through your architect or decorator. Correspondence should be addressed to our New York Offices, Dept. HG.



SPANISH design Wrought Andirons. We carry a complete line of andirons, both hand-wrought and cast in the various period designs and finishes from \$20 to \$800 a pair.



ANDIRONS



WM. H. JACKSON COMPANY

2 WEST 47TH STREET 318 N. MICHIGAN AVE.
NEW YORK CHICAGO

ESTABLISHED IN THE
YEAR 1827

THE OLDEST HOUSE OF
ITS KIND IN AMERICA

FIVE
FAMOUS AMERICANS
say

Sherrard Anderson.

"From the point of view of the arts, I should say that we are beginning to get on a bit, in America. There is evidence of this progress on all sides; in our city buildings; in our cities themselves; and in the rapidity and boldness of our development in all forms of artistic expression."

Deems Taylor
Rockwell Kent

"Sheraton and Benvenuto Cellini were modern, because they consulted not the past, but the needs and desires of their own times and their own people. We in turn will be modern only when we stop copying their work and start emulating their principles."

Joseph Dubay.
Edward Steichen

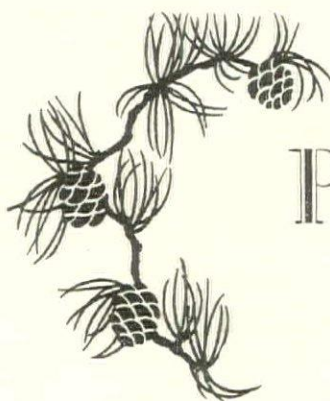
"Ask posterity to tell us what is modern now. It will remember nothing else."

"Art is an entity—like divinity it has no beginning or end! That art is modern which in each epoch expresses the spirit of the times. American art is finding itself—is learning to express this spirit."

"Art in industry attains modernism only when its style and originality are the result of a vital relationship to its period; it has become more particularly the modernism of today because the industrial processes have brought design and production into intelligent collaboration with prevailing commercial requirements."



THE FINE ARTS DIVISION
OF THE INTERNATIONAL SILVER COMPANY IS ATTUNED
TO THIS GROWING APPRECIATION OF THE MODERN...
The result...A SILVER DESIGN THAT IS WHOLLY NEW



Announcing
the
PINE TREE
PATTERN
in
INTERNATIONAL
STERLING



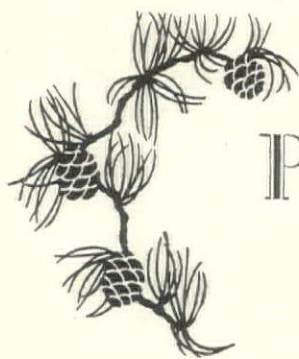
HERETOFORE workers in silver have borrowed much from abroad. But the Pine Tree Pattern is American—and modern.

Its design is free from the cramping dictates of any period. It found fitting inspiration in the tree which, above all others, is representative of America. The pine, like sterling silver, is untouched by the seasons, and its life is counted in centuries. Like sterling, too, it brings a hardy usefulness to match its brooding splendor.

The pine motif, daringly conventionalized in handling, is seen in the delicate tracery of the border, which strikes a perfect balance with the graceful unadorned areas. The flowing outline itself suggests the upward sweep of the trees.

On the back of each piece of flatware is the primitive image of the pine tree, exactly as it appeared on the first silver coin minted in America—the famous Pine Tree Shilling. This pine tree was thus our first symbol of sterling silver. It signifies, unmistakably, that the new silver is sterling. And from the decorative standpoint, the inclusion of this unstudied sculpture of the tree is, perhaps, the most modern touch of all!

A brochure, which more completely describes and illustrates the Pine Tree Pattern, has been prepared. The coupon on the opposite page is for your convenience in requesting it.



Announcing
the
PINE TREE
PATTERN
in
INTERNATIONAL
STERLING



ADDITIONAL INFORMATION...

6 Pine Tree Teaspoons, \$11. Twenty-six piece set that makes an ideal foundation for a complete formal service, \$73.35.

A brochure illustrating the complete Pine Tree service, including hollow-ware, will be sent for 10c. Mail the coupon.



*The Original
Pine Tree Shilling*

INTERNATIONAL SILVER Co., Meriden, Conn.

Enclosed is 10c (coin or stamps) to cover cost of mailing the Pine Tree Brochure.

Name.....Address.....

City.....State.....

BRUSHES OF ARTISTS

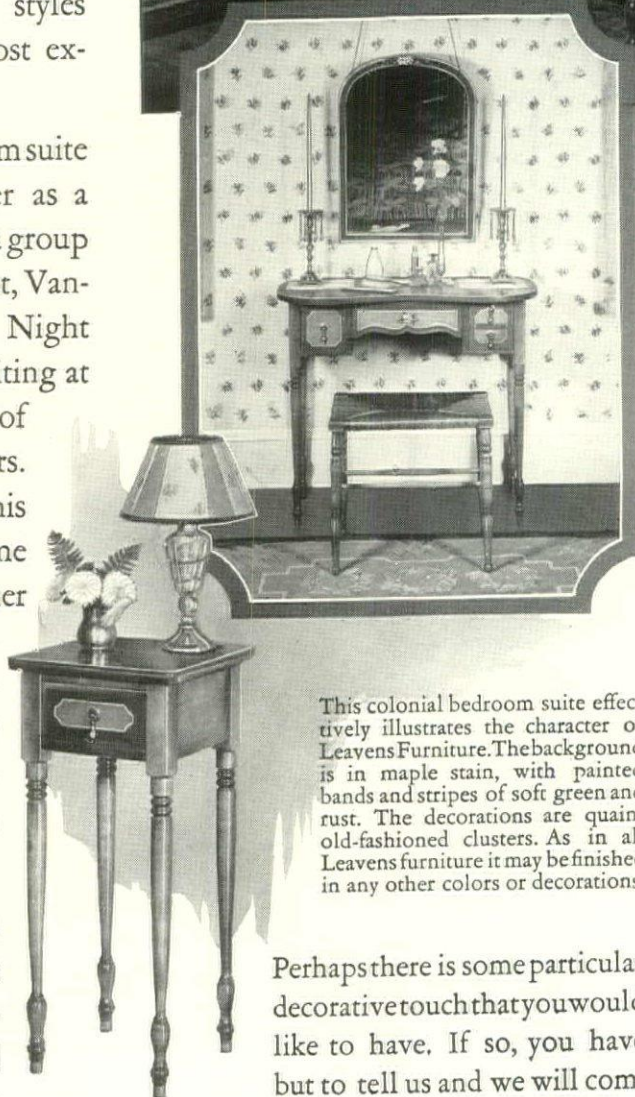
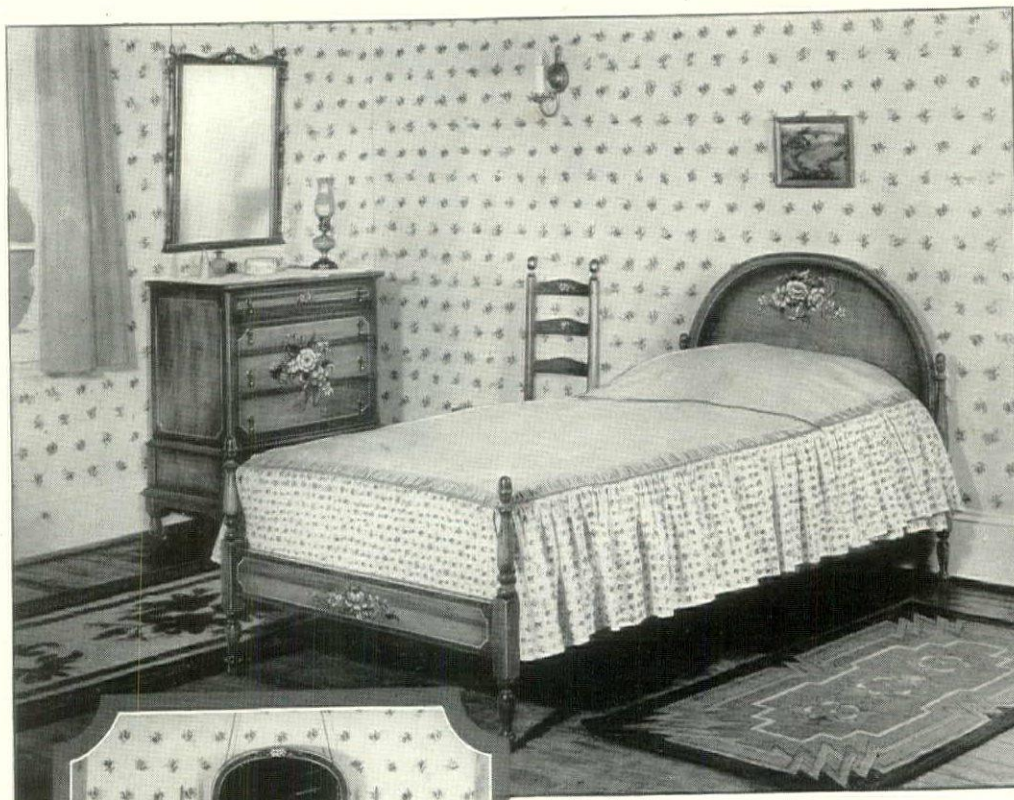
for You to Command

Enjoy the Luxury of Choosing any Color or Finish for your Bedroom Furniture

Leavens "Finished-to-your-order" plan of buying furniture delights the lover of color harmony. For under the Leavens plan you buy furniture that harmonizes with your own wall paper, draperies and other furnishings. No matter what color, finish or stain you desire—no matter what decoration you want, Leavens will carry out your home furnishing ideas completely. For your bedroom, Leavens offers furniture in styles and finishes to please the most exacting.

Shown here is a typical bedroom suite which you may secure either as a group or in single pieces. It is a group of rare distinction—Bed, Chest, Vanity Dresser, Dresser Bench, Night Table, Chair and Mirrors waiting at your command the touch of skilled artists and decorators. Perhaps you would like this painted and stained in some shade that will match other furnishings of the room—Old Rose, Chinese Red, Antique Mulberry, Old Blue, or what you will. In fact, Leavens will finish any piece in any color of the rainbow.

If you want decorations, you have at Leavens, artists whose hand work makes the difference between mediocre and unusual furniture. Flowers or ships or conventional designs or unusual treatments will be painted as you order.



This colonial bedroom suite effectively illustrates the character of Leavens Furniture. The background is in maple stain, with painted bands and stripes of soft green and rust. The decorations are quaint old-fashioned clusters. As in all Leavens furniture it may be finished in any other colors or decorations.

Perhaps there is some particular decorative touch that you would like to have. If so, you have but to tell us and we will complete your ideas in every detail. The Leavens' reputation for decorative work is as high as its reputation for beauty in color, finish and workmanship.

A Fully Illustrated Catalog Describes this Unique Way to Buy Furniture

In the Leavens "Finished-to-your-Order" Catalog you will find furniture and suggestions not only for your bedrooms but for every room in the house—beautiful Windsor Chairs, Tables, Desks, Breakfast, Dining, Living and Chamber furniture, large and small. In it, too, is described the method whereby thousands are buying individual pieces as well as complete sets finished, stained, painted or decorated to harmonize with the interior decorations of their homes. What is more, the cost is no greater than buying furniture the usual way! If you would like this catalog, please write your name and address plainly on the line below and mail to William Leavens & Company, Inc., 32 Canal St., Dept. G 3, Boston, Mass.

LEAVENS

Furniture

Name _____

Address _____



Seven-Passenger Sedan

The distinguished Lincoln clientele includes many who prefer the popular Sedan body type so admirably adapted to family use. They are content with no less than Lincoln well-

balanced excellence, luxurious appointments, body beauty and obedient, effortless performance. The magnificent Seven-Passenger Sedan is designed for these Lincoln patrons.

L I N C O L N M O T O R C O M P A N Y
Division of Ford Motor Company

Your shades can be kept as clean as your windows!

*Make this test
yourself... a genuine
Tontine window shade
for \$1⁰⁰*

(SPECIAL NOTE: This offer is for introductory purposes only. That is the only reason we can let you have a genuine Du Pont Tontine Shade at such a saving. Only one test shade can be sent to an individual.)

AN unusual opportunity! A genuine Du Pont Tontine Shade for a dollar. Tontine is the washable window shade. It is bringing fresh beauty to thousands of American homes, a beauty which lasts for years.

Neat and trim in appearance, beautiful in modern tones of white, cream, ecru or green . . . your test shade will be sent you complete, ready to bring the charm of properly controlled light into any room you select.

A Test That Will Amaze You!

Pin a dollar to the coupon below and send for your test shade today . . . then make this test for yourself. Let your small son make finger marks over it. Or deliberately soil it yourself. Then, using plenty of water, suds and a brush, see how thoroughly the dirt vanishes and the original brightness and charm reappear.

Then you will know why Du Pont Tontine is preferred by those who require the best . . . by those who want their shades always to be as clean as their windows . . . by those who take pride in the spick-and-span beauty of their homes.

There is no secret about Tontine's unusual service. Tontine is impregnated with pyroxylin . . . forced

through and through the fabric. This overcomes the faults that ruin ordinary shades.

And all you have to do to find this out is to pin a dollar to the coupon below, give the necessary details and send it now.

A Truly Washable Window Shade

You can take a shade of Du Pont Tontine and scrub it vigorously. Drench it (flow water over it)—just as if rain had accidentally struck it. But no harm is done. You can twist and crease it between your hands—but it will not flake or crack or "pinhole." It's as near lasting durability in shade fabric as any textile material can ever hope to be.

Today's Brightest Thought

Here's a suggestion! Your bathroom shades probably are subject to harder use and abuse than any others in your home. What a thorough test this provides for Tontine!

Put this shade up in your bathroom. After a week or two look it over carefully and then prove to yourself how washable Du Pont Tontine will solve once and for all your problem of keeping your shades as clean as your windows.



TONTINE

REG. U. S. PAT. OFF.

THE WASHABLE WINDOW SHADE

Follow these Details

Measure width of shade you wish to replace with the Tontine test shade. Measure tip to tip, including metal pins at ends of roller (see diagram below). Measure also length of shade unrolled. Specify which color is wanted: White, Cream, Ecru or Green. Fill out coupon fully. Pin \$1.00 to coupon.

Measure from tip to tip, including metal pins. Use yard stick

E. I. DU PONT DE NEMOURS & CO., Inc., S. Plank Road, Newburgh, New York.
Canadian subscribers address coupons: Canadian Fabrikoid Limited, New Toronto, Ontario, Canada. H.G.—Mar.

Herewith \$1.00 pinned to coupon. Please send me complete Tontine shade . . . inches wide, tip to tip, and . . . inches long (shade unrolled.)

☐ White ☐ Cream
☐ Ecru ☐ Green
Check color desired.

Name

Address

Good Furniture is Always in Fashion



THE FURNITURE STYLE BOOK

Sent Post Paid for \$1.00

Ideas for interior decoration by Mary Fanton Roberts, editor of "Arts & Decoration". Popular styles for 1928. Gives room arrangements, color schemes. Suggests draperies and floor coverings for each period. Tells about woods, finishes, convenience features—care of furniture. Fully illustrated with charts, diagrams, drawings, and actual photographs. Clear, understandable, and authoritative. Saves its cost many times over, by protecting against disappointments in furniture and decorative selections.

Address Department 43
Berkey & Gay Furniture Co.
Grand Rapids, Mich.

Added years bring added charm to furniture that is genuinely fine. That is one reason for the high regard in which Berkey & Gay furniture is everywhere held.

You buy it knowing that your grandchildren will find it beautiful—just as today thousands find correct the Berkey & Gay pieces their ancestors bought several decades ago.

There are certain principles of design and workmanship which do not change with the changing years, and these we strive to practice in our shops, and have continued to practice for 75 years.

Yet the bedroom and dining room suites we offer each year—over a hundred and fifty different styles—are perennially fresh and new—so advanced, indeed, that they set the fashion for a nation.

Our styles change but our standards do not. And that is why the Berkey & Gay Shop Mark is accepted by gentlefolk as a safe guide in the purchase of good furniture.

And why the *Furniture Style Book* is looked to for correct information regarding furniture selection, arrangement and care.

BERKEY & GAY SUITES ARE PRICED FROM \$200 TO \$6000



Furniture's Proudest Coat-of-Arms
Look for this Shop Mark inset in every Berkey & Gay suite. Also on Berkey & Gay dealers' windows. It is your protection when buying, and your pride ever after.



Colorful Upholstered Boudoir Chair
This barrel chair upholstered with slip cushions and valance in glazed chintz is ideal for the bedroom or informal living room, from the Grand Rapids Upholstering Company.

Berkey & Gay Furniture

BERKEY & GAY FURNITURE COMPANY, GRAND RAPIDS, MICHIGAN—Founded in 1853—NEW YORK WHOLESALE SHOWROOM—115 W. 40TH STREET
GRAND RAPIDS UPHOLSTERING CO.—LIVING ROOM FURNITURE—CREATED BY BERKEY & GAY DESIGNERS

THE QUIET SI-WEL-CLO

IMPROVED

*An aid to clean
healthful living*



THE most modern of all water-closets—the Improved Quiet Si-wel-clo is ideally shaped to meet the needs of present-day sedentary man. For the Si-wel-clo encourages a natural sitting position and thus assists the digestive tract in performing its eliminative functions.

Another desirable feature about the Si-wel-clo is its quiet operation. The flushing is performed quietly yet thoroughly. Strong, positive action coupled with an over-size passageway assure a quick outlet to the sewer. The mechanical excellence of the fittings obviate trouble and the frequent visits of the plumber.

The Si-wel-clo is but one of the complete line of "Te-pe-co" All-clay plumbing fixtures—famous for years as most sanitary, beautiful, practical and permanent. Te-pe-co Products are the popular choice of architects for either the home or public building.

Be it bathroom, toilet, kitchen or laundry, "Te-pe-co" provides a plumbing fixture gleaming in whiteness, always clean, and from which the residue can be removed with a dampened cloth. Gritty soaps do not scratch the surface—medicine and common acid stains will not adhere. Always bright, rich looking, pride inspiring—yet not extravagantly priced.

Do you know how to properly plan a bathroom? Enclose 10c in stamps for a copy of "Bathrooms of Character"

THE TRENTON POTTERIES COMPANY

TRENTON, NEW JERSEY, U. S. A.

Boston

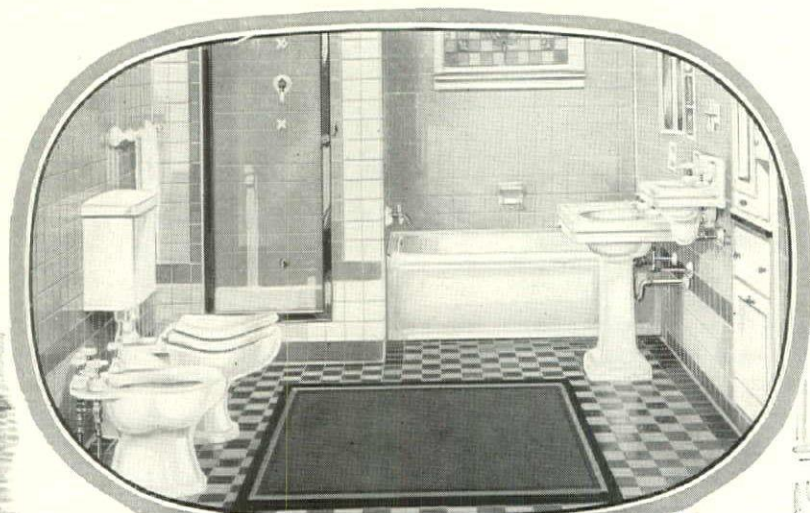
New York

San Francisco

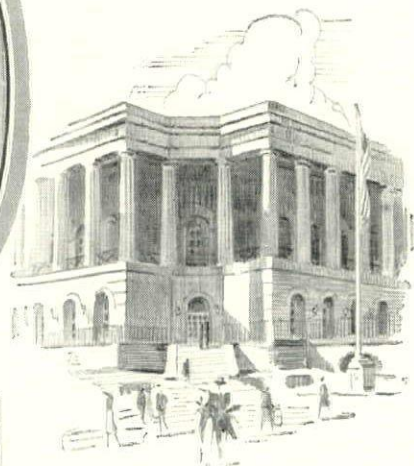
Philadelphia

Export Office—115 Broad Street, New York City

From coast to coast you will find elegant residences like this, Te-pe-co equipped.



Many public buildings such as this city auditorium at Macon, Ga., have Te-pe-co plumbing.



TE-PE-CO

ALL CLAY PLUMBING FIXTURES



"That sign shows you how I build *lifetime comfort* and *economy* into homes

*Celotex insulates as it builds;
making houses stronger... less
expensive to keep up... far
more comfortable... at very
little cost"* * * *

NO wonder Celotex is used by more
builders... specified by more archi-
tects... preferred by more home owners
... than all other insulators combined.

No other building material offers
you all the services of Celotex.

Naturally, you want these great ad-

vantages for your home. And here is how to
make sure of getting them —

Look for the Celotex Sign

This sign is the mark of a well-built
house; made modern with the best insula-
tion that money can buy. Such homes
have more certain resale and higher loan
values. They are the kind that people
want today.

The builders who display this sign are

CELOTEX
INSULATING LUMBER

up-to-date. They know the best building
practice. They try to give their customers
real value in house construction. They
are good men to deal with.

Take no chances when you build or
buy. There are builders everywhere who
identify their houses with the Celotex
sign. If you have any difficulty in finding
one in your community, write us.

THE CELOTEX COMPANY, Chicago, Illinois
Mills: New Orleans, Louisiana

Branch Sales Offices in many principal cities

(See telephone books for addresses)

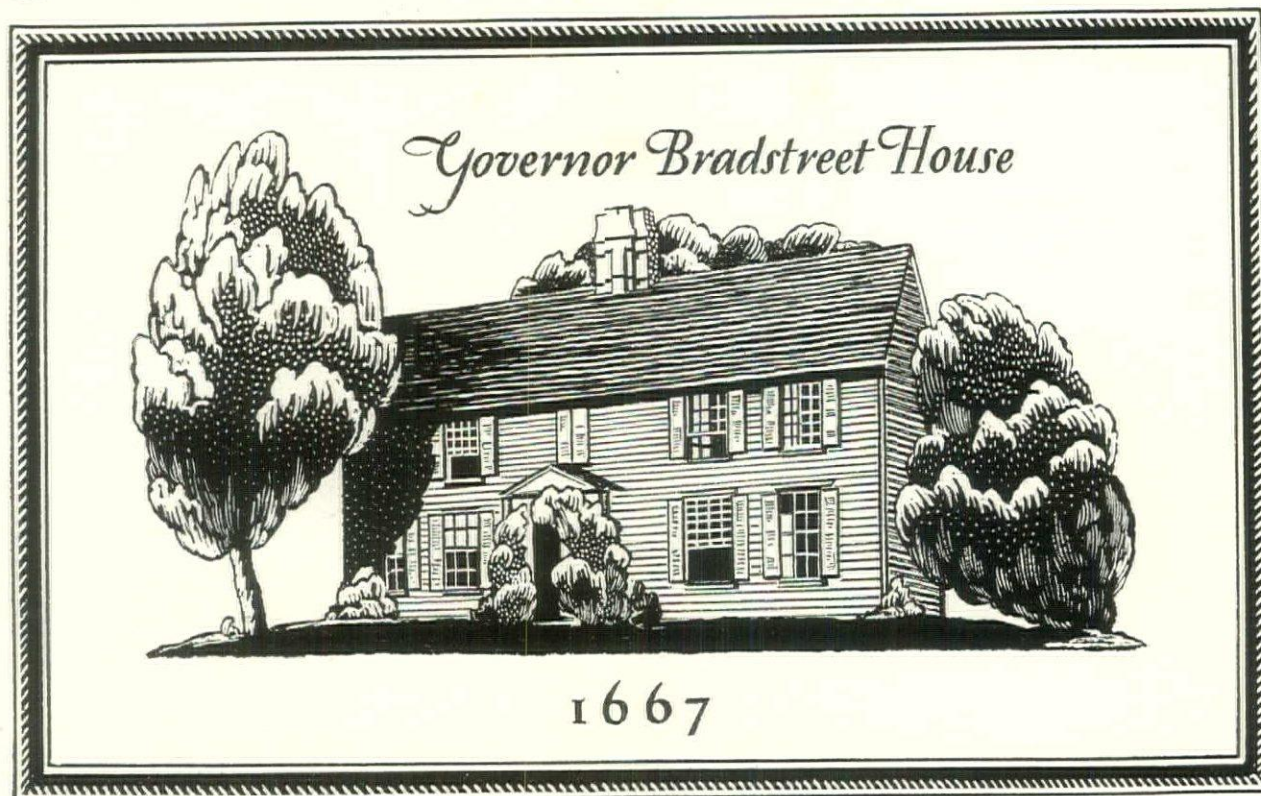
Sales Distributors throughout the World

In Canada

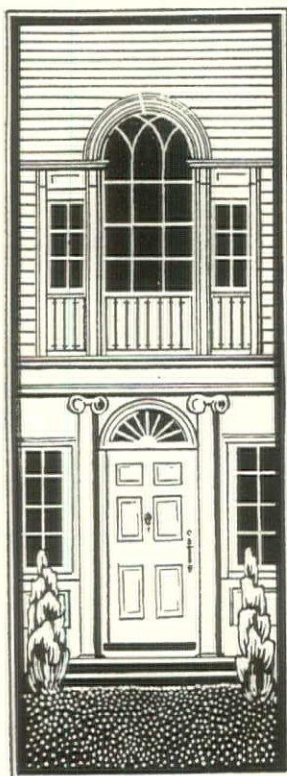
Alexander Murray & Co., Ltd., Montreal

All Reliable Lumber Dealers Can Supply Celotex

The oldest tradition of AMERICAN building craft: "Use White Pine"



At North Andover, Mass. Built of White Pine and still standing



Nothing permits such sharp definitions or exactitude of detail as Idaho White Pine. It is interesting to know that intricate industrial patterns are made from it—not only because it is easy to cut, but because it remains absolutely true as worked.

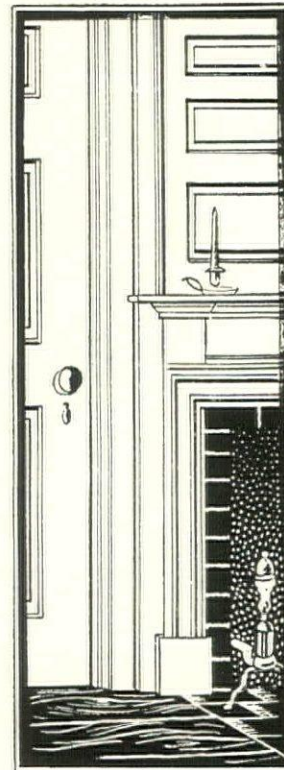
ONE wood stands out supreme in the history of American building art—White Pine. The master builders of earliest colonial times, with virgin forests from which to pick and choose, singled out this wood above all others. Many of the houses they built stand today—amazing proof of the lasting qualities of White Pine—beautiful examples of its unusual response to saw and plane, chisel and hammer.

Truly, the virgin White Pine of New England is virtually exhausted. But White Pine still lives—thousands of acres of it, millions of feet, in the Inland Empire of the Great Northwest.

Here, under the name of Idaho White Pine, is a supply of old growth White Pine sufficient for present and

future needs. Easy and quick to work; shape holding; never splitting under nails or screws; with a satiny finish that has a perfect affinity for oils, paints and enamels—it is the finest lumber for outside woodwork and interior finish nature ever grew.

Here in great modern mills and yards, Idaho White Pine is seasoned, milled and graded in a way undreamed of in those early days. From here it goes out to good lumber yards the country over. If the local dealer hasn't it, he can quickly get it in any size or quantity. Architects, home builders, contractors, lumber merchants and mill-work men are invited to write us for full information on their particular needs. Address Dept. 126, Western Pine Manufacturers Association of Portland, Oregon.



The Colonists used White Pine throughout their homes. On the outside mainly because it was weather defying even when unpainted. Inside, because it could be worked as no other wood could. Lastingly beautiful decoration is insured by Idaho White Pine.

Idaho
GENUINE
White Pine

THE PINE WITHOUT A PEER

Inside the Walls Anaconda Brass Pipe is bound to be *the cheapest*

LOOK at a house as the plumbing is going in. Pipes between floors, in walls, turning and twisting everywhere...always concealed, and always inaccessible. For water pipes are now hidden, never exposed as they once were. To replace or to repair them, a plumber will often spend more time in reaching the pipe than in actually working on it. And this is why Anaconda Brass Pipe is now regarded as one of the basic necessities of the well built house, to be selected as definitely, and as early, as the most important building materials.

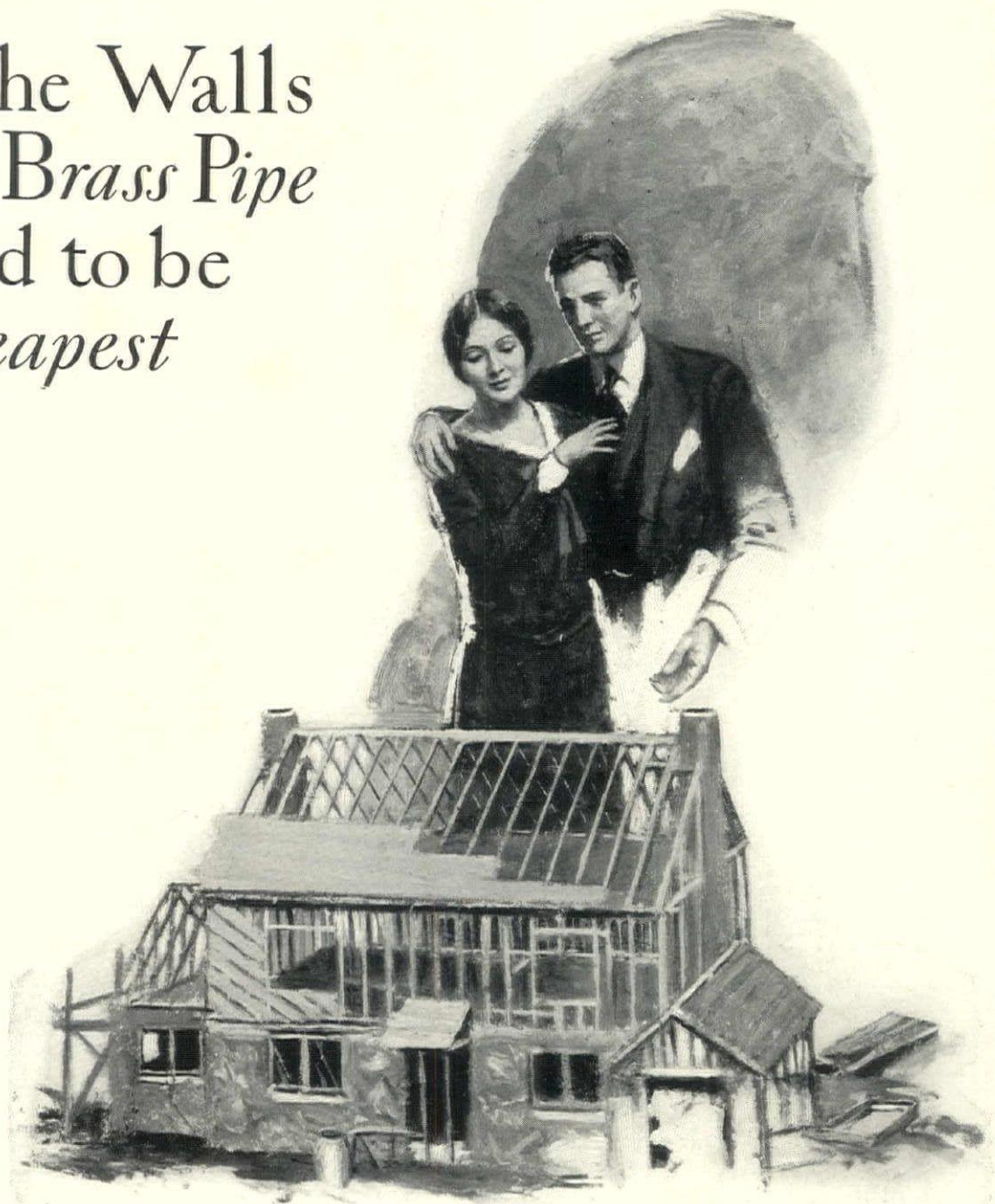
For it is unreasonable to expect rustable pipe to meet the requirements of modern construction. It cannot be expected to serve permanently. Day and night, the rusting goes on until, in a few years, rust clogs the pipe. The flow of water is impaired and discolored. Leaks develop. And when the inevitable repairing is done the bill is apt to be staggering.

Whether you build or buy a home, the sensible, logical method is to insist upon Anaconda Brass Pipe for all water lines. It serves without repairs or replacement as long as your house stands. It gives a full, clear flow of water at all times. It costs no more, in labor, to install. And its total cost is so moderate that it amounts to only \$75 more than iron pipe in the average \$15,000 house. Yet

its use saves repair and replacement expense averaging \$30 every year. Today, in more than 100,000 American homes, Anaconda Brass Pipe is fulfilling its



Screens of Anaconda Bronze wire are so much more economical than corrodible screens that their installation is an unusually logical step in rustproofing the home. They cost only about \$18 more than corrodible screens for the average eight room house.



lifelong contract. And if you will get the facts and figures from your architect, or your plumbing contractor—you will be certain to make the small extra investment that pays dividends in comfort, security and economy as long as your house stands.

Rust-proof the entire house

For only about \$450 more than the cost of corrodible metals, the average \$15,000 house can actually be completely rust-proofed...with flashings, rain pipes and gutters of Anaconda Copper...with screens of Anaconda Bronze...and with hardware of solid Anaconda Brass or Bronze. This

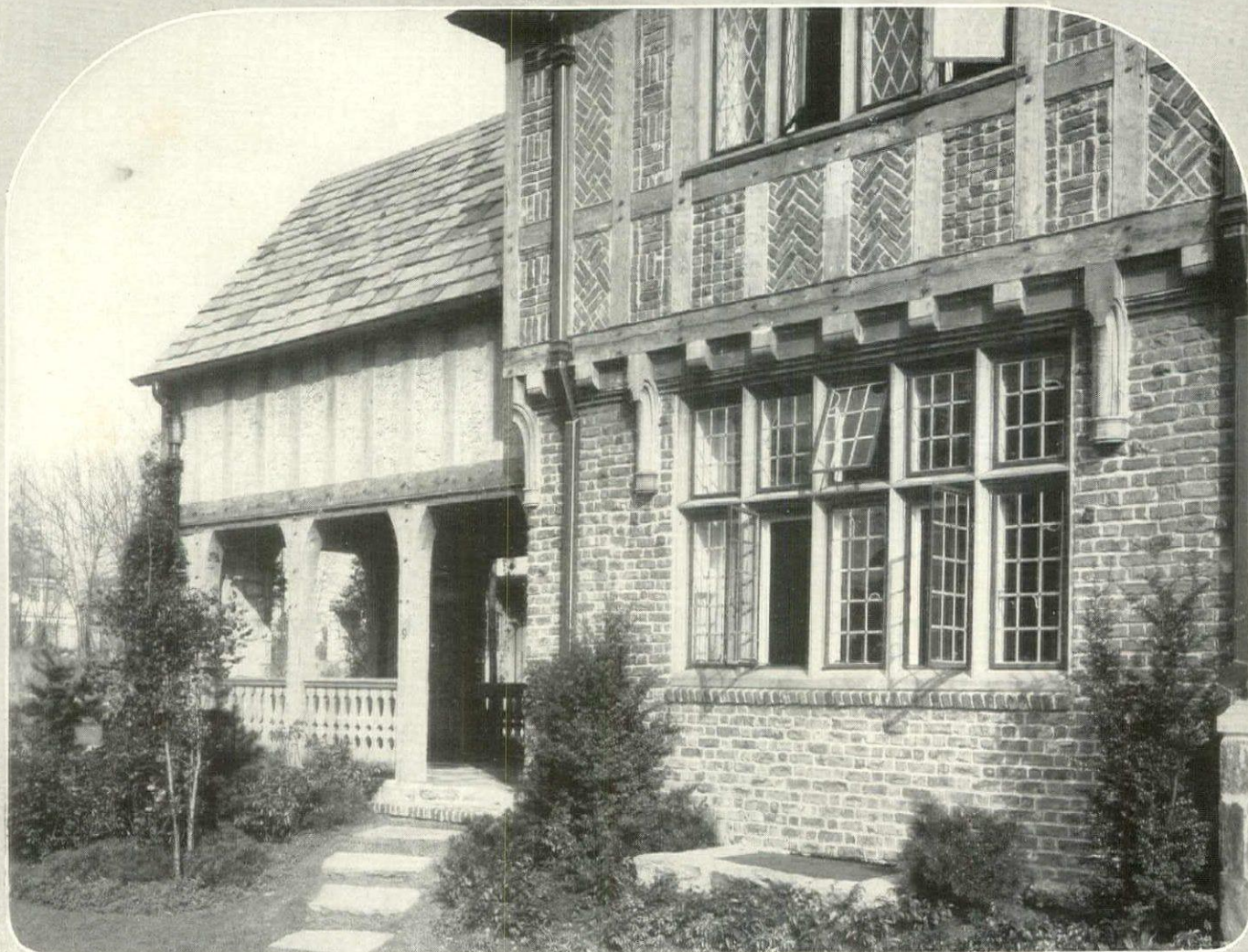
modern equipment pays for itself many times over, and always proves an added attraction when the house is sold. Anaconda is the world's largest producer of copper, brass and bronze. Any Anaconda product whether pure copper or copper alloy is best adapted for its purpose. Write to our Building Service Department for our new, free booklet, "Rust-proofed" or for any facts and figures you may require. The American Brass Company, General Offices, Waterbury, Connecticut.



ANACONDA COPPER BRASS BRONZE

It is wasteful to use corrodible metal for rain pipes, gutters and roof flashings. Constant exposure quickly ruins them. They should always be made of Anaconda Copper for life-long service, real economy and for added permanent values. The extra cost is surprisingly moderate.

INTERNATIONAL CASEMENTS



RESIDENCE
Mount Vernon, N. Y.

GEORGE M. BARTLETT and LAWRENCE LIGHT
Associate Architects

COTSWOLD—A Metal Casement of Moderate Cost

THE INTERNATIONAL CASEMENT COMPANY now manufactures but one type of standard window—The Cotswold. The same steel sections are used in its manufacture that are used in International Custom-Built Casements,

but being built in standard shapes and sizes it is available at much lower cost. It is so sturdy that it can be glazed with leaded glass if desired, and when installed by International erectors, it is guaranteed weathertight.

We shall be pleased to send you upon request a copy of our illustrated booklet *The Window Artistic*, which gives many interesting suggestions regarding the interior and exterior treatment of windows.

INTERNATIONAL CASEMENT CO. INC.

JAMESTOWN, NEW YORK

IN CANADA: ARCHITECTURAL BRONZE AND IRON WORKS, TORONTO, ONTARIO



A CHARMING COUNTRY ESTATE

to which Creo-Dipts give lasting loveliness

ONE of the charms of Creo-Dipt Stained Shingles is their perfect adaptability to any type of architecture. As you study this charming home, designed by Architects Trueblood & Graf, you are caught by the fitness of each detail.

The gleaming white side-walls, with

Dipt Stained Shingles weather with a soft, mellow loveliness that requires a minimum of upkeep.

Mail the coupon for interesting photographs. Or, ask your architect, builder or lumber dealer. When you buy, insist upon genuine Creo-Dipts. Leading lumber deal-

ers everywhere carry them in stock; for 20 years, prominent architects and builders have endorsed them.

Look for the name *Creo-Dipt* on each bundle—it is placed there for your protection.

Creo-Dipt Company, Inc., 1313 Oliver St., North Tonawanda, N. Y. In Canada: Creo-Dipt Company, Ltd., 1610 Royal Bank Building, Toronto. Sales offices in principal cities.



Creo-Dipt Residence of Mortimer Burroughs, Esq., St. Louis County, Missouri. Architects, Trueblood & Graf, St. Louis. Side-walls, Creo-Dipt Dixie-White 24-inch Royals. Roof, 18-inch Perfection Grays with special Creo-Dipt thatch or curved butts.

their fascinating shadow lines, add a touch of Jeffersonian simplicity. The roof, with its thatch-butts, is a study in intriguing lines.

With all their beauty, however, the big advantage of Creo-Dipts is economy. At Creo-Dipt plants, the selected cedar shingles are stained and preserved by exclusive Creo-Dipt processes—protected against weather in advance.

Nowadays, many owners are laying Creo-Dipt Stained Shingles right over the side-walls and roof of their present homes, thus adding insulation that saves fuel. At the same time they save paint, because Creo-



To secure pure-white side-walls, it is necessary to apply a coat of Creo-Dipt Dixie-White stain after the Creo-Dipts are laid. All other colors com. fully stained.



On small houses, particularly, the warmth of Creo-Dipt colors seems to give added character.

CREO-DIPT *Stained Shingles*

SEND FOR PHOTOGRAPHS

Creo-Dipt Company, Inc., 1313 Oliver St., N. Tonawanda, N. Y.

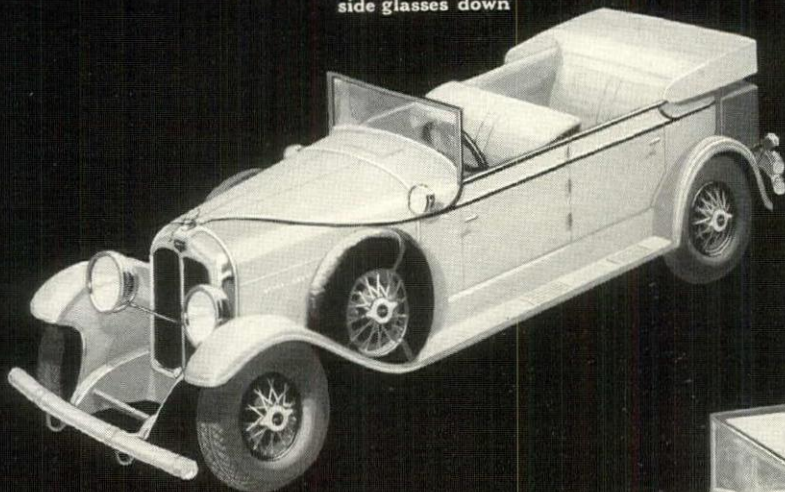
Enclosed find 25 cents for twenty-eight large-size photographs of new Creo-Dipt homes by leading architects, old homes re-beautified, booklet of color suggestions, and name of local Creo-Dipt dealer who will recommend a reliable carpenter-contractor.

Check ☐ Covering old side-walls ☐ Building new ☐ Re-roofing

Name

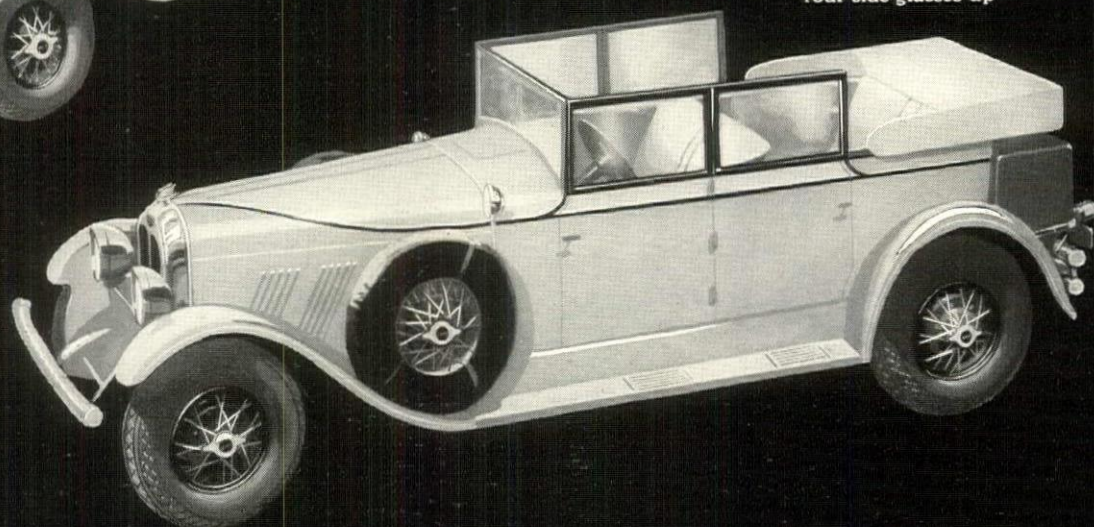
Address

With top and all
side glasses down

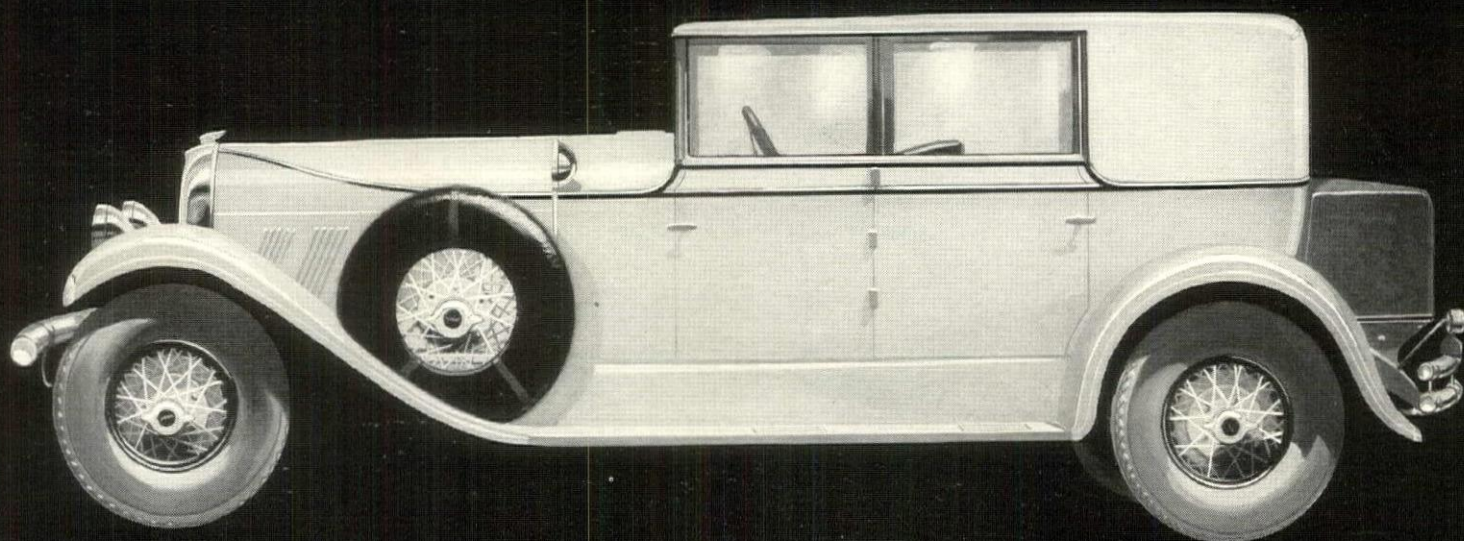


*The
Phaeton
Sedan*

With top down and
four side glasses up



With top up and
completely enclosed



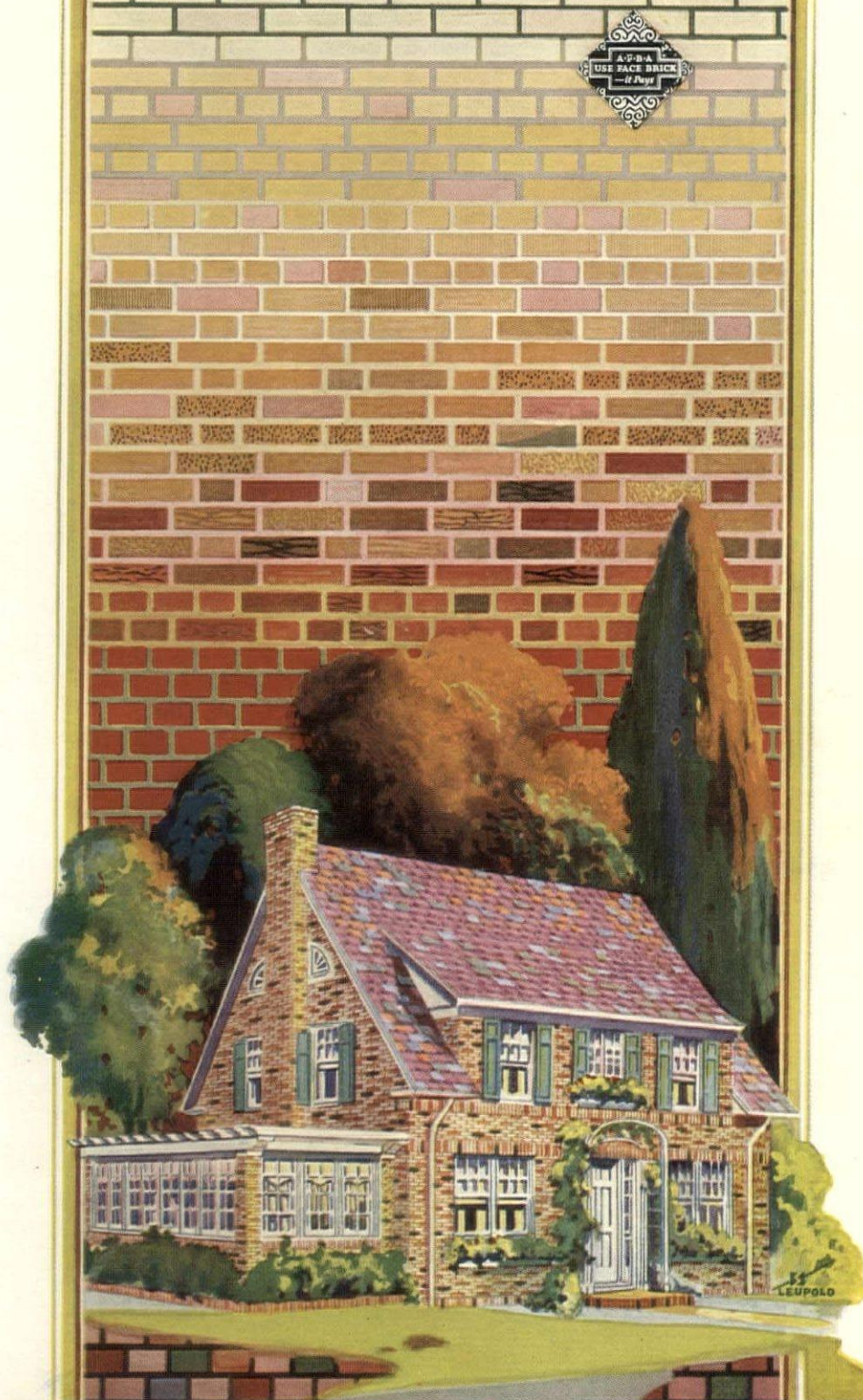
The next advanced change in body styles.
Auburn introduces the Phaeton Sedan now,
the only manufacturer offering it as a stand-
ard model. Others will feature it next year.

YOUR NEXT CAR

AUBURN

POWERED BY LYCOMING

THE DISTINGUISHED HOUSE . . . IS BUILT OF FACE BRICK



SURROUNDED by friendly trees, the Face Brick house is the cynosure of all eyes. Sun, shadows and elusive blendings play their color symphony on the richly textured walls. Eternal youth, ever colorful, is Face Brick's own characteristic, for this building material never grows old—in outward dress or inner staunchness.

And only in Face Brick can the most diverse tastes be met. Color effects without limit and an amazing variety of textures combine to satisfy every preference. The individuality of tone and texture may then be glorified by an almost endless range of bonds, patterns and mortar joints.

To surpassing beauty and durability, Face Brick adds economic advantages which save you money. Maintenance is lowered. Depreciation is slower. Insurance rates are reduced. And you enjoy greater fire safety and utmost comfort.

If your hopes include a new home or remodeling, the booklets described below will help you greatly. Send for them now.

AMERICAN FACE BRICK ASSOCIATION
2121 City State Bank Building
Chicago, Illinois

House shown is Face Brick Design 627-A

F A C E B R I C K

requires no paint or whitewash

"The Story of Brick"—a beautifully illustrated booklet for the home-builder and home-buyer. Sent to you free.

"A New House for the Old"—an interesting book on remodeling. Sent on request.

"The Home of Beauty"—containing 50 two-story, six-

room houses, in a wide variety of designs. Sent for 50 cents.

"Face Brick Bungalow and Small House Plans"—Four booklets showing designs and floor plans for inexpensive 3 to 4-room, 5-room, 6-room and 7 to 8-room houses. Each 25 cents. Complete set, \$1.00.



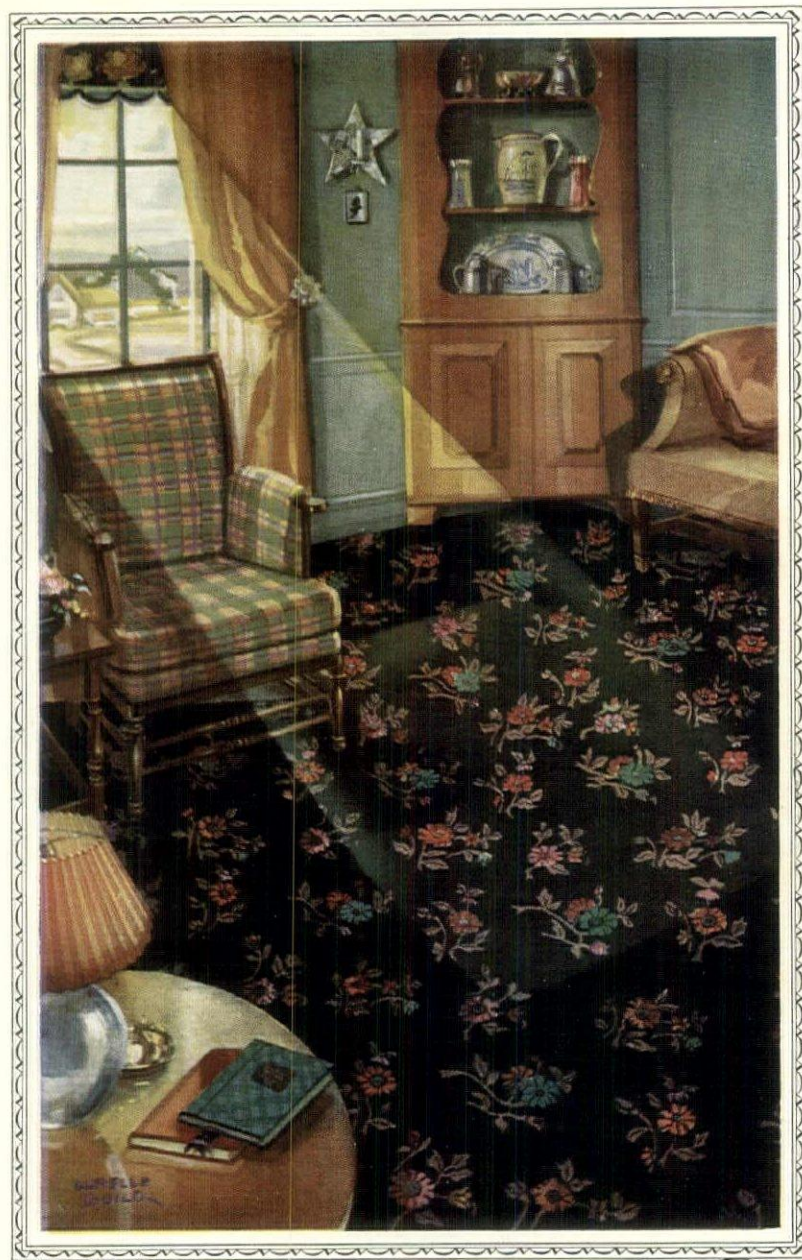
CARPETS in the MODERN decorative spirit

*New and oriental designs
which reveal the
latest tendencies*

STRIKING patterns, touched with vivid color in the manner of the moderns. Themes of Persian and Near Eastern origin. Under these two groupings come the Bigelow-Hartford figured carpets.

Clearly, the first group is for those ultra-rooms of European influence which to some still seem bizarre. The second is for the rooms, halls and galleries which follow the trend toward true period styles, with their aristocratic nuances.

Bigelow-Hartford merchants are prepared to suggest interesting color schemes. A beautiful and helpful booklet on *Color and Design, their Use in Home Decoration* will be mailed to you for 25 cents by the Bigelow-Hartford Carpet Company, 385 Madison Ave., New York.



*Solid colors which impart
new charm to the
well-dressed home*

COLOR! With carpets, too, the age of warmth and cheerfulness now has its way. Bigelow-Hartford presents new tones of joyous brilliance and of subtle charm.

Orchid, which blends so well with appointments of green or yellow . . . *Tête de Nègre*, a rich setting for furniture and walls in bright rooms . . . *Fawn*, a color that brings gayety by its very presence . . . *Jade*, to give a verdant freshness . . . these are some of the many and strangely beautiful colors that you will find in Brewster Broadloom carpets.

Widths are to be had up to 15 feet. The harmonious colors and deep, long-wearing woolen pile are the heritage of more than a century of distinguished craftsmanship.

Bigelow Burbury Wilton carpet, style 3650-64

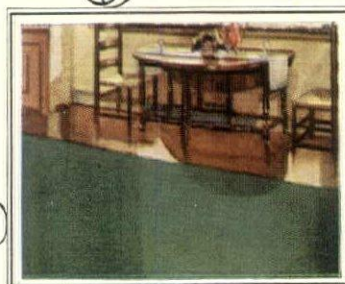
Bigelow-Hartford RUGS & CARPETS

WEAVERS SINCE 1825

BIGELOW-HARTFORD CARPET COMPANY
385 MADISON AVENUE • NEW YORK



This cheery tone of red is but one of the many fascinating colors which are shown in Brewster Broadloom carpets



Tasteful apple-green Brewster Broadloom carpet, made into a rug, gives smart charm to this combination room

*Bigelow Lowell Wilton
carpet, style 19108-2*



*Also made in heliotrope,
rose, taupe and green*

WE offer the charming seclusion of this corner as an example of interior decorating by W. & J. Sloane. Tranquil, lovely to look at, and extending a confident promise of comfort, a setting of this sort is equally adaptable to the town house and country estate.



**W. & J.
SLOANE**

*Fifth Avenue at Forty-Seventh Street,
New York City* *San Francisco* *Washington*

INTERIOR DECORATION · HOME FURNISHING COUNSEL

Stripes!

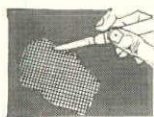
— in a window shade
that will not sag or ruffle

Self stripes in
durable Brenlin



NOW—stripes in a window shade that will not sag or ruffle! Self stripes, woven right into durable Brenlin—a shade cloth that wears and keeps its beauty two or three times as long as the ordinary kind!

For Brenlin is quite different from the ordinary shade. It has none of the usual brittle "filling" to break and fall out and leave unsightly cracks and pinholes.



Scratch a piece of ordinary window shade material lightly. Tiny particles of chalk or clay "filling" fall out. BRENLIN has no filling. It outwears several ordinary shades.

Strong, flexible, much like tightly-woven linen, Brenlin remains always straight and smooth. It resists the constant strain of rolling, unroll-

ing—the jerking, snapping of the wind. Rain will not discolor it. And its hand-applied tints resist fading in the sun.

BRENLIN
THE LONG-WEARING
WINDOW-SHADE MATERIAL

Yet Brenlin costs only a few cents more. Be sure to see the new Brenlin stripes before you buy.

And, to insure smooth operation of any shade examine, too, the Breneman roller. It has a highly perfected spring mechanism, designed to work with firm, uniform tension at all times. The Breneman roller never catches or whirls—even with careless handling.

Write for free samples of the new striped materials in various colors and for the name of your nearest dealer. Address Cincinnati.

THE CHAS. W. BRENEMAN COMPANY
"The oldest window shade house in America"
Dept. A-1, 2045 Reading Rd. 6th St. at Chelton Ave.
Cincinnati, Ohio Camden, N. J.

DEALERS MAY ALSO BE SUPPLIED BY

The Chas. W. Breneman Co., Inc., New York City
The Breneman Co., Springfield, Mass.
Rasch & Gainor, Baltimore, Md.
The Chas. W. Breneman Co., Pittsburgh, Pa.

S. A. Maxwell & Co., Inc., Chicago, Ill.
S. A. Maxwell & Co., Inc., Kansas City, Mo.
Renard Linoleum & Rug Co., St. Louis, Mo.
The Breneman Co., Omaha, Neb.

Brenlin Window Shade Co., Los Angeles, Cal.
D. N. & E. Walter & Co., San Francisco, Cal.
The Breneman-Sommers Co., Inc., Portland, Ore.
The Rainier Shade Co., Seattle, Wash.

The Chas. W. Breneman Co., Dallas, Texas
The Breneman Co., Greensboro, N. C.
The Acme Co., Birmingham, Ala.
The Florida Brenlin Co., Jacksonville, Fla.

CHOOSE YOUR PIANO AS THE ARTISTS DO



One of the beautiful new Baldwin models

Baldwin

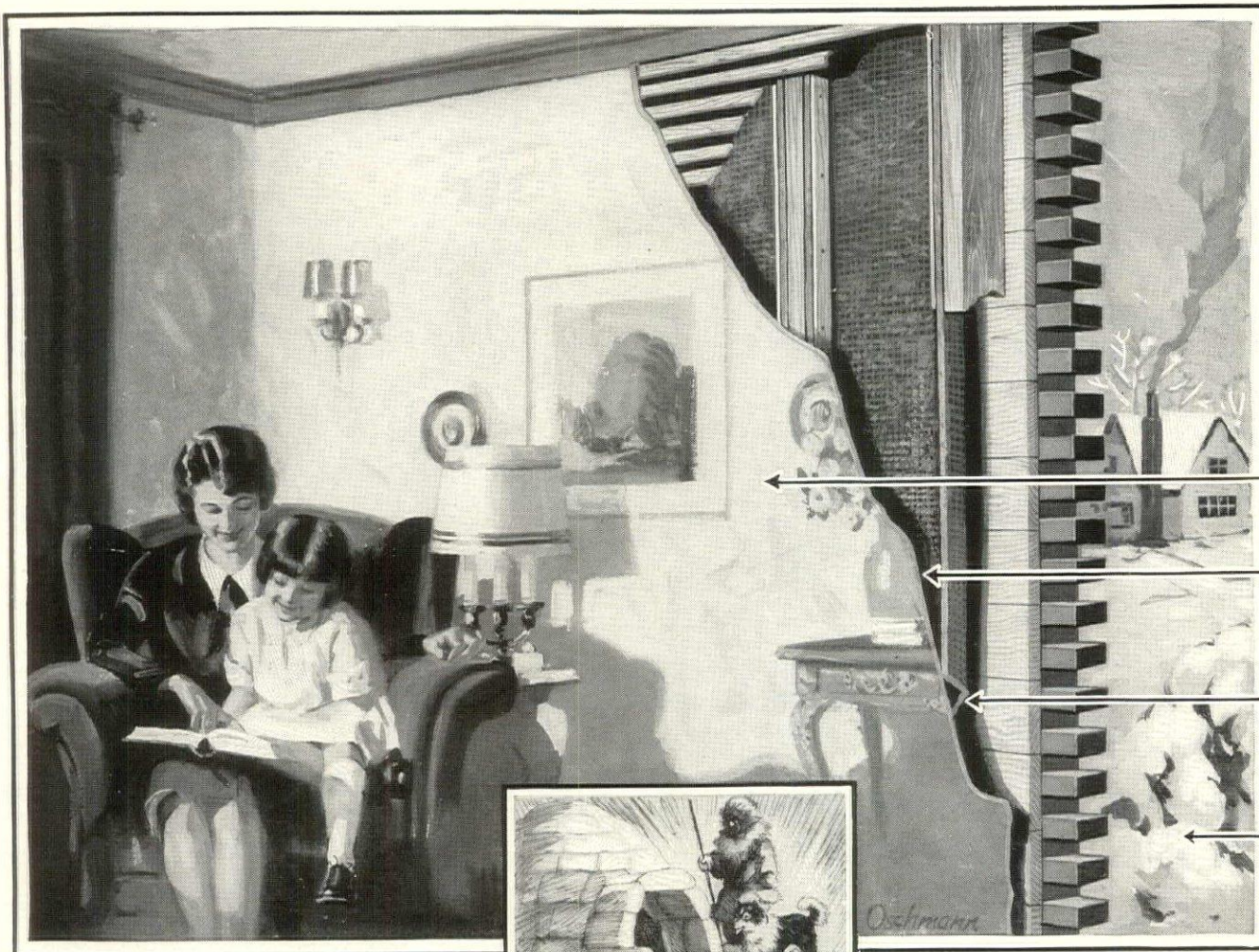
P I A N O

An Announcement of New Models

Distinctive triumphs of piano craftsmanship, pianos which attain the perfection sought by world famous pianists. ☞ Sponsored by the ideals through which these artists have raised themselves to the very pinnacle of recognition. ☞ Permitting the exquisite tonal shadings of Gieseeking, the grandeur and technique of Bachaus, the surpassing beauty of dePachmann. ☞ Great singers and the foremost radio stations join these artists and a host of others

in enthusiastic endorsement of these new Baldwins—their evenness of scale, intimate response of action, and tone of glorious possibilities. ☞ Only when you hear and play the new Baldwin yourself will you fully appreciate what Baldwin craftsmen have accomplished. ☞ Visit a Baldwin dealer today and make the acquaintance of this new achievement in piano making. ☞ Priced \$1450 and up, in mahogany.

THE BALDWIN PIANO COMPANY
CINCINNATI



In igloos built with snow blocks containing billions of entrapped air cells, the Eskimo keeps comfortably warm with a small seal-oil flame.

Perfect Insulation Natural Principle of Utilizing *2 air spaces* Because of the

ZERO outside — 70 degrees inside — and the heating plant not being forced!

You can have such comfort and economy with the least amount of thermal insulation, only when two air spaces are created within the wall.

Tests by the U. S. Bureau of Standards show that $\frac{1}{2}$ -inch insulation, applied to divide the wall into two air spaces, is equal to $\frac{3}{4}$ -inch thickness used as a plaster base or in contact with the sheathing.

Home owners, perplexed by the apparent economy of using insulations which are not installed to form two air spaces in the wall, should bear these facts in mind. $\frac{1}{2}$ -inch is the economical thickness for wall

insulation. When $\frac{1}{2}$ -inch wall insulation is so installed that it does not form two air spaces—then you must use $\frac{3}{4}$ -inch material to secure the same comfort and economy.

Flanged FLAX-LI-NUM was created to fit the 2 air space method. Its $\frac{1}{2}$ -inch sheets are delivered to the job, ready to install between the studs. They go in easily, quickly, correctly and without waste.

The 1-inch sheets, for your roof, give you the correct thickness in one piece, simplifying the installation and reducing handling costs.

Get the facts! See how and why the 2 air space method is the scientific principle of thermal insulation. Mail the coupon now.



Flax-li-num is Made from Purified Flax

FLAX-LI-NUM is made from flax—the same material used to make linen—a material selected solely for its superior thermal insulating qualities. It is not a low-cost by-product, adapted to thermal insulation.

The facts about thermal insulation are of prime importance to you. Mail the coupon—and get them.

FLAX-LI-NUM INSULATING CO., ST. PAUL, MINN.
228 NORTH LA SALLE ST., CHICAGO 101 PARK AVE., NEW YORK CITY

Flax-li-num

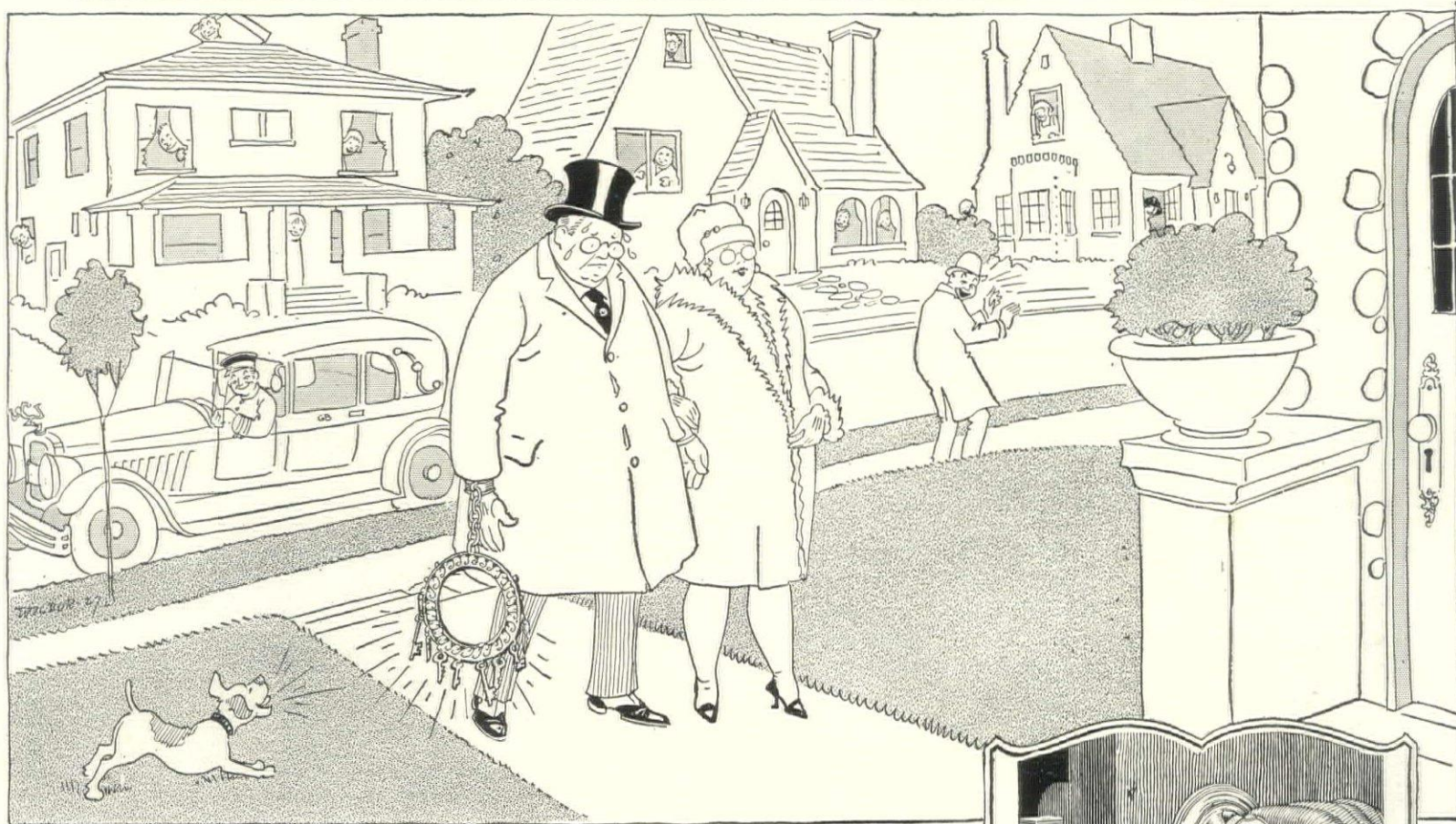
THE CORRECT BUILDING INSULATION AND SOUND CONTROL MATERIAL

FLAX-LI-NUM INSULATING CO.
St. Paul, Minn.

Send me results of U. S. Bureau of Standards tests of 2 air space method of insulation. Also send full details about Flax-li-num.

Name.....Address.....City.....State.....H. G.--1

To Key-Forgetters



THIS fashion hint is derived from a gentleman who forgot his house keys last night and locked himself out.

The previous night he had left his keys in his coat pocket on the back seat of his sedan, and had to smash the window to get in. An inveterate *key-forgetter* and *key-loser*, he has finally placed his keys upon a handsome ornamental key ring which is permanently attached to his right wrist.

If you and yours have experienced the vexation and irritation of forgotten and mislaid keys—or have paid a weekly tax for duplicating keys lost by the members of your family—you can now forget the entire key problem once for all. Just purchase Dudley Combination Keyless Locks—and have one easily remembered combination for all doors—your front door, garage door, basement door, closets and cabinets.

So simple—quick—convenient. So safe! Proved out by over 4,000,000 Dudley Locks now guarding lockers and doors all over the country. To their owners as obedient as a lamb—to the house breaker as defiant as a lion.

Complete locks, or combination cylinders to fit your present night latches.

Send for booklet, "The 4,000 Year Search for Door Safety."

DUDLEY LOCK CORPORATION

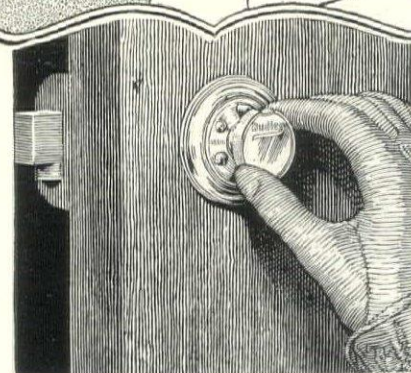
Dept. 13, 107 No. Wacker Drive, Chicago, Ill.

Full information on request to building hardware dealers
Territory still open for salesmen representatives

DUDLEY

COMBINATION KEYLESS DOOR LOCKS

Open in Three Moves for the Owner—Thousands of Combinations to Baffle Thieves



An amazing new invention and convenience

The Dudley Combination Keyless Lock—for all doors

First absolutely successful combination door lock—principle proved by over 4,000,000 Dudley Locks now in successful use.

Does away with lost, misplaced and forgotten keys.

Saves all expense of duplicating keys.

Opens in 4 seconds, to its combination—as easily remembered as your telephone number.

Easy to operate—millions of children use the Dudley Lock daily at school.

Opens by feel or sound—in the dark.

Non-pickable—increases safety from house breakers that have cost the country tens of millions of dollars every year.

Recommended by police departments.

Gives same type of protection as a bank vault door.

Every Dudley Keyless Lock has its own combination. Or all locks in the home may be had to operate on one combination.

Record of your lock numbers and combinations permanently on file in our vaults.

An investment—not an expense.

Mail Coupon for Booklet

Dudley Lock Corporation

Dept. 13

107 No. Wacker Drive, Chicago

Without obligation send full information about Dudley Combination Keyless Lock and booklet "The 4,000 Year Search for Door Safety."

Name.....

Address.....

Please send your hardware dealer's name.



In Step with Beauty

Marble answers the ever-growing demand on the part of the American public for beauty—practical beauty—and economy in daily surroundings.

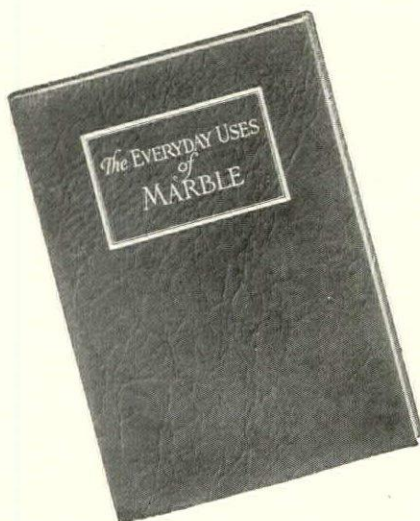
Its richness of texture, wealth of veining and unlimited color possibilities place marble in the front rank of decorative finishing materials.

But marble possesses more than the mere virtues of inimitable beauty and economy . . . much more. It is strong, durable, wear-resistant and impervious to moisture. It softens and diffuses all available light. It is inherently clean, and easy to keep clean. It is, in a word, the ideal material where utility and economy are essential, and beauty paramount. For buildings of every type—domestic, commercial or civic—

There is No Substitute for Marble

This interesting booklet illustrates and tells many facts about the practical applications of marble to home and commercial treatments.

A copy may be obtained—without cost, of course—by merely addressing Department 6-C. It will be sent you gladly, with our compliments.



NATIONAL ASSOCIATION of MARBLE DEALERS

ROCKEFELLER BUILDING - CLEVELAND - OHIO

"CASTLES IN THE AIR"

THE ideal home. So few ever achieve it. Here and there are those free spirits who break away from conventionalized building. They capture something of the elusive atmosphere and charm of the House of Dreams. But it is rarely done. More rarely than need be. For much of the individuality of the truly "lovable" house is easily analyzable and can be readily captured by a wise choice of certain fittings.

The decorative value of Forged Iron Hardware has been one of the reasons for the picturesqueness of thousands of dwellings since the days of the Middle Ages. It has had an enduring appeal throughout the centuries. It is, today, riding the crest of well-deserved appreciation among those who love the sincerity and beauty of old-fashioned things.

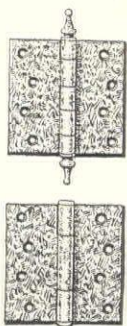
Forged Iron Hardware by McKinney reflects in every sturdy line and graceful curve the rich heritage of beauty which comes to our generation from the metal-craftsmen of earlier times. There are six different Master Designs reflecting the true spirit of bygone artistry. No attempt has been made to "improve" or "modernize" them.

The most remarkable finishes have been achieved by McKinney, wholly fascinating in texture and fully rust-proofed.

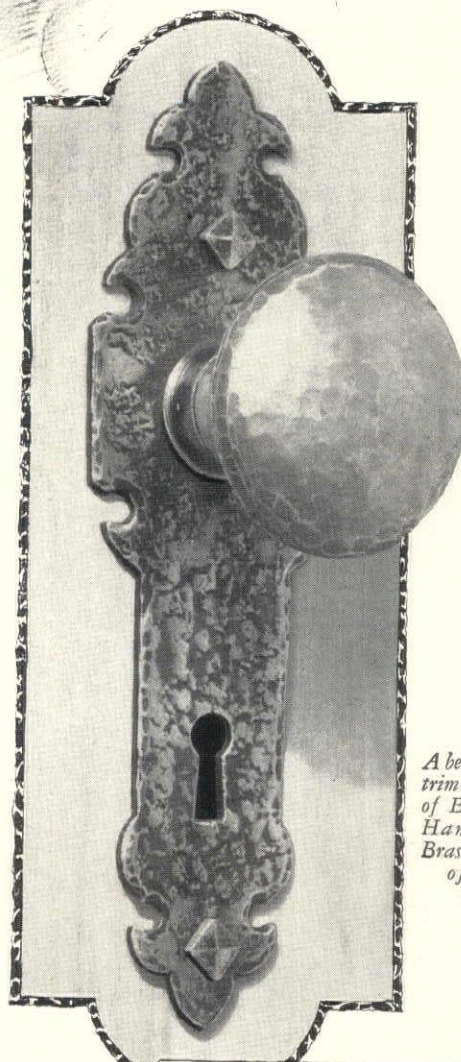
Further, every piece of Forged Iron by McKinney is accurate for application, and everything needful is promptly at hand: entrance sets, hinge straps, H&L hinge plates, cabinet latches, shutter dogs, foot scrapers, garage sets, etc. In addition, there are Forged Iron Lanterns in fascinating forms and fireplace equipment fit for connoisseurs.

Builders' Hardware Merchants carry McKinney creations in stock. Various special pieces are sold by Department and Electrical stores. If you shrink from the commonplace, we urge you to see the Forged Iron Hardware made by McKinney. McKinney Mfg. Co., Pittsburgh, Pa. Offices: New York, Boston, Philadelphia, Baltimore, Chicago, Atlanta, Los Angeles, San Francisco, Montreal and Toronto.

MCKINNEY FORGED IRON HARDWARE



Left: Steeple Tip and Button Tip hinges used with or without forged iron hinge straps. Below: Warwick Design hinge strap. Right: Drop Ring Handle, Etruscan Design.



A beautiful hardware trim—McKinney knob of English Antique Hand Hammered Brass and escutcheon of McKinney Forged Iron.

Forge Division, McKinney Mfg. Co., Pittsburgh, Pa.

Please send me, without obligation, the items I have checked:

- ☐ Folio on Lanterns
☐ Brochure on Forged Iron Hardware

Name.....

Address..... H&G 3-28



Residence of Mr. Frank B. Putt, Rydal, Pa.
Carl Ziegler, Philadelphia, Architect.

Floors of Matchless Beauty!

RITTER Oak Flooring is designed for your new home, where every detail must reflect discriminating taste.

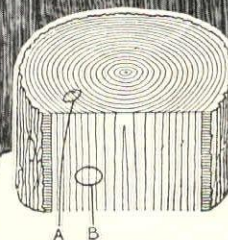
It is manufactured from timber grown in the Appalachian Mountains under ideal conditions of climate, soil and drainage. The trees grow slowly, sturdily, uniformly, producing a fine grain of surpassing beauty, instantly appreciated, always admired.

Ask your architect to specify Ritter Appalachian Oak for your floors and interior trim. It costs a little more than ordinary flooring but makes such a notable difference! Write for free booklet illustrating artistic floor designs made possible with Appalachian Oak. Please include the name of your architect or builder.

W. M. RITTER LUMBER COMPANY
Appalachian Lumbermen since 1890
General Offices: Dept. H. G., Columbus, Ohio.



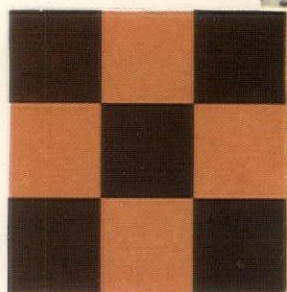
MADE in THE APPALACHIANS
AND from APPALACHIAN OAK only



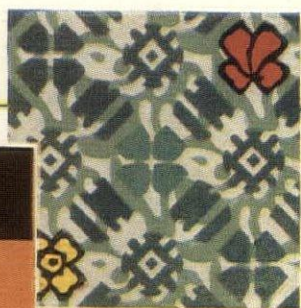
Slow growth, dependent on ideal climate, soil and drainage in the Appalachian Highlands, causes narrow annular growth rings (A), which in turn produce close grain (B), resulting in a fine-grained floor, as shown in the panels at either side of this advertisement.

INTRODUCING

*smartly-styled designs in linoleum, and—
a sensational soil-proof finish!*



Gold Seal
Inlaid
No. 58/151



Gold Seal
Inlaid
No. 2/4208

... and what lovely things our designers have done with inlaid linoleum. How they have made this flooring—once so prim and practical—blossom out in smart, colorful, wholly enchanting attire.

See their handiwork in the newest GOLD SEAL INLAID patterns. Designs alive with style and modern verve! Colorings bright and dainty—colorings rich and brilliant! Think what this means. You can choose your flooring as you select a chair or a length of upholstery. Not alone because it is beautiful in itself—but because it is appropriate to your other furnishings—adds charm and character to your room ensembles.

And consider all the practical advantages! Soil-proof—immune to spots and stains. Cleaned in a wink. Colorings that will never wear off—they are inlaid through to the burlap back. Comfortable sound-deadening resilience. A lifetime of wear. All at a cost you will agree is moderate and reasonable.

Here it is at last! Inlaid linoleum that can be cleaned almost as easily as glazed tile—without scrubbing. This revolutionary improvement is due to the *Sealex Process* perfected by our technical staff for our exclusive use.

The effect of this process is to *penetrate and seal* the tiny dirt-absorbing pores responsible for spots and stains. Thus dirt cannot be ground into GOLD SEAL INLAIDS—grease and liquids cannot stain them. In a word, a *soil-proof* super-finish is produced and the material made more durable than inlaid linoleum has ever been before.

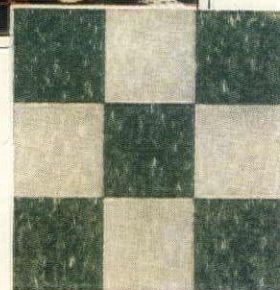
But remember, this sensational soil-proof finish is in no sense a surface film, top-coat or veneer. It is an integral part of the linoleum, and gives the colors a dull lustre of velvety richness.



"Granada"—Karnean Marbled Pattern No. 3031



Gold Seal
Inlaid
No. 2/4207



Gold Seal Inlaid No. 7151/7

Acquaint yourself with the variety and beauty of the many new *Gold Seal* Linoleum patterns. All the goods listed below have the exclusive soil-proof improvements. The *Gold Seal* identifies the genuine. Look for it on the face of the linoleum you buy.

Karnean Marbled Inlaid—absolutely perfect reproductions of lovely, richly veined marbles.

Jaspé Inset—charming solid-colored figures set in a ground of jaspé linoleum.

Belflor—distinguished tile designs in delicately mottled colorings of the utmost charm.

Hudson Moulded—patterns whose colors

softly merge at the edges of the design. Quaint tile and carpet designs.

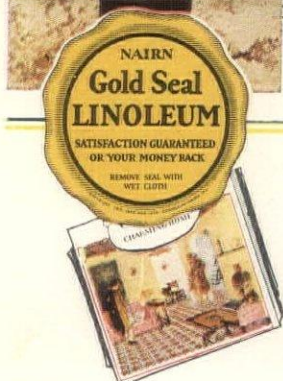
Newark—tile patterns of unusual smartness in bright solid colorings.

Universal—similar to the Newark patterns, but lighter in weight.

Romanesque—delightfully attractive figures printed in oil paint on jaspé linoleum.

Above—"Mermaid"—Karnean Marbled Pattern No. 3043
Left—"Emperor"—Karnean Marbled Pattern No. 6061

CONGOLEUM-NAIRN INC., Philadelphia, New York, Boston, Chicago, Kansas City, San Francisco, Atlanta, Minneapolis, Dallas, New Orleans, Pittsburgh, Rio de Janeiro



The SOIL-PROOF, easily-cleaned linoleum - GOLD SEAL INLAIDS

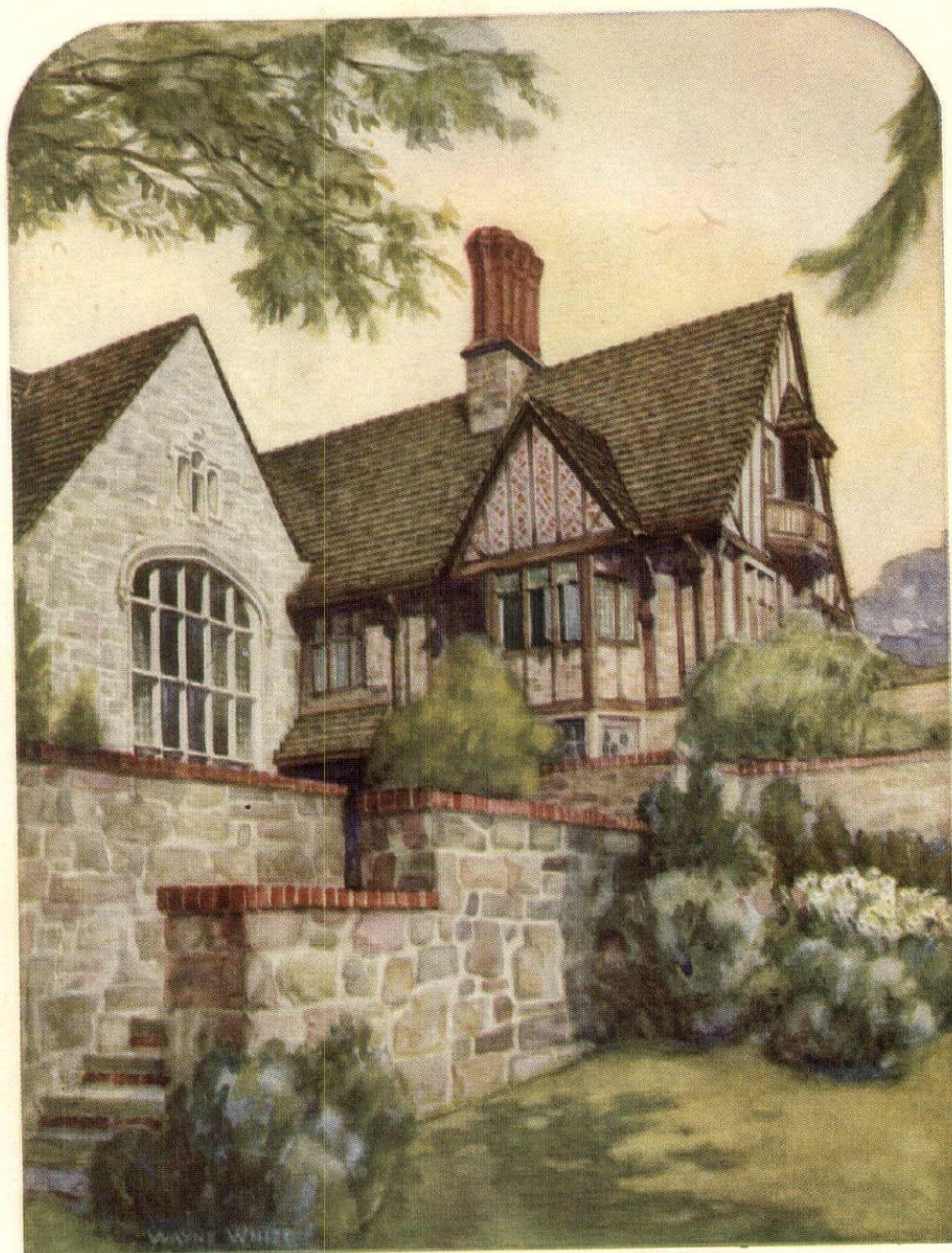
FREE! Folder of Karnean Marbled Inlaid designs . . . revised handbook *Creating a Charming Home* . . . and the new and in-

genious *Color Scheme Selector*. Address
Congoelum-Nairn Inc., 1421 Chestnut St.,
Philadelphia, Pa.

NAME

ADDRESS

A · TILE · ROOF · OUTLASTS · ANY · HOME



Residence of Mr. Aldus C. Higgins, Worcester, Massachusetts. Grosvenor Atterbury, Architect; John Tompkins and Stowe Phelps, Associate Architects. Roofed with IMPERIAL Hand Roughened Closed Shingle Tiles in Moss Green

Like the Moss Covered Roofs of Old England



A close-up of the roof illustrated above

Note how closely this roof of IMPERIAL Roofing Tiles resembles a mossy, century-old roof. It is composed of mottled moss green shingle tiles, hand roughened to attract dust and thus encourage the growth of actual moss. This is only one of many unique effects obtainable with IMPERIAL Roofing Tiles, which are available in a wide variety of patterns and shades.

Our interesting brochure, "The Roof," contains numerous full-color plates of fascinating tile-roofed residences. We will forward this book on receipt of 25c (coin or stamps) to cover postage and handling, or an illustrated color folder will be sent you free. Address: Ludowici-Celadon Company, Dept. A-3, 104 South Michigan Avenue, Chicago, Illinois.



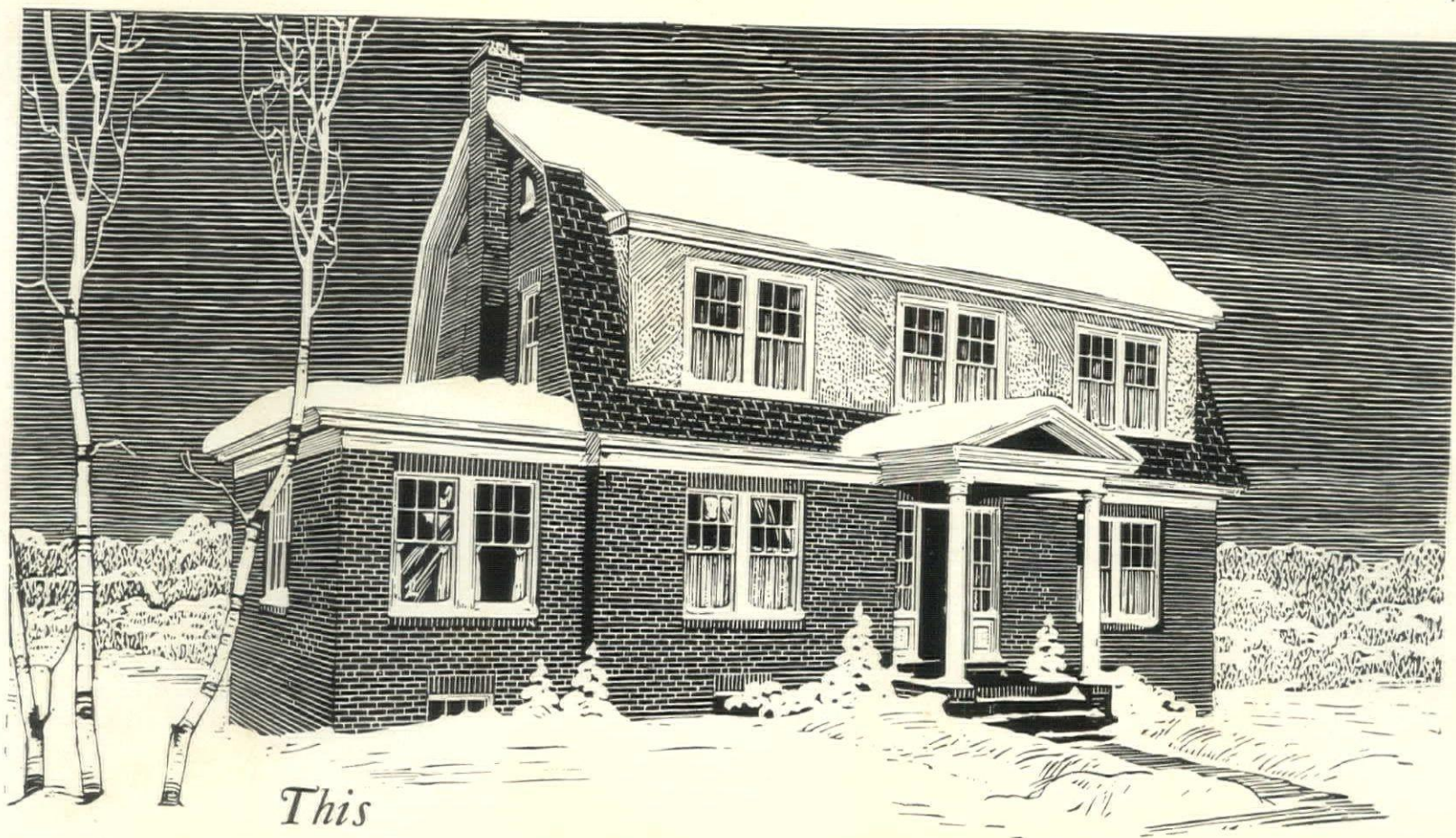
Send 25c for a copy of this color book of tile-roofed residences

Chicago, 104 S. Michigan Ave.

LUDOWICI-CELADON COMPANY

New York, 565 Fifth Ave.

IMPERIAL
Roofing Tiles



This
CORK - LINED HOME
heated with city gas for
\$124 less than was estimated

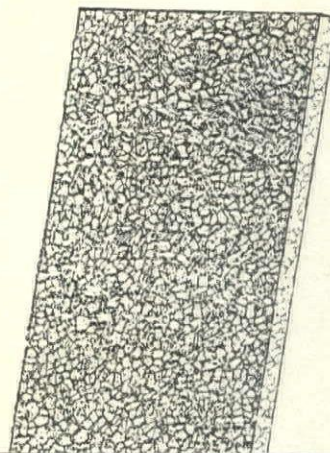
THE gas company figured that it would take 449,100 cubic feet of city gas to heat this home during the winter of 1926-1927—if it were built without insulation. But the owner, Mr. Leander Parkhurst, of Concord, N. H., had it lined with Armstrong's Corkboard, 1½ inches thick on the side walls and 2 inches thick on the second story ceiling. As a result, he actually burned only 313,000 cubic feet, a saving of 27½%. With gas at 91 cents per thousand cubic feet, the saving amounted to \$124.00.

Houses are different and conditions are

different, of course, but these figures give some idea of the economy resulting from Armstrong's Corkboard. A fuel saving of 27% is not spectacular, but it will soon pay for the insulation and provide increased comfort—summer and winter.

A 32-page book, published especially for home builders will tell you more about the wonderful comfort and economy of a cork-lined house. Simply mail the coupon—there is no charge for the book. Armstrong Cork & Insulation Co., 193 Twenty-fourth St., Pittsburgh, Pa.; McGill Bldg., Montreal; 11 Brant St., Toronto.

Armstrong's
Corkboard Insulation
A Heatproof Lining for Walls and Roof



ARMSTRONG CORK & INSULATION COMPANY
 193 TWENTY-FOURTH STREET, PITTSBURGH, PA.;
 MCGILL BUILDING, MONTREAL, QUEBEC or 11 BRANT STREET, TORONTO, ONT.

GENTLEMEN—You may send me your 32-page booklet containing complete information about the insulation of dwellings with Armstrong's Corkboard.

Name _____

Address _____

MARCH

CORK LINED HOUSES MAKE COMFORTABLE HOMES



J. D. Atchinson, Architect

Redwood Beams Make Handsome Ceilings

DIGNITY AND CHARACTER are imparted to this room by the tasteful use of handhewn Redwood beams.

The charm of all beamed ceilings lies in the wood itself. Because of its rich, velvety texture and natural beauty of grain, California Redwood endows its surroundings with distinction and grace, whether in beams, panels, ballustrades, or trim.

Redwood takes and holds stain, paint, or any finish. It may readily be decorated to match or harmonize with other woods. Its durability is phenomenal assuring a useful life for decades, even if untreated and exposed to the weather. It comes in wide, clear lengths, free from blemish and annoying pitch.

Write your name and address in the margin below. We will gladly send you a portfolio of beautiful photographs of interiors and exteriors of lovely homes. Address the California Redwood Association, Dept. 385, 24 California Street, San Francisco.

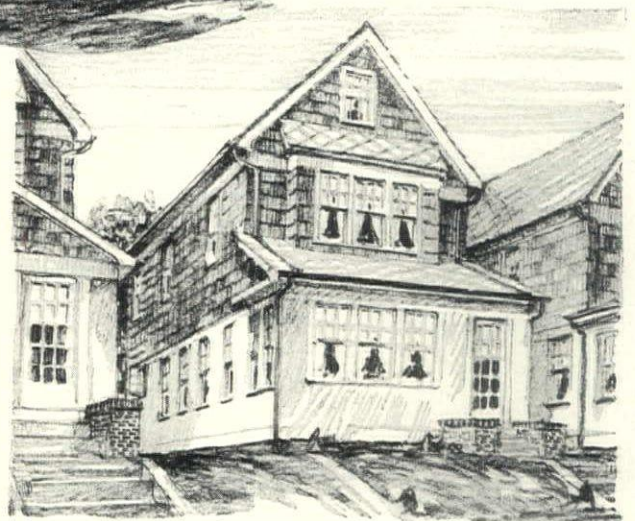
THREE STANDARDS OF LIVING / ONE STANDARD OF HEATING COMFORT



HERE are three homes—cross-sections of any American town. The head of the family in the smallest house is employed by the man who owns the middle-size house. He, when business requires it, borrows from the banker who owns the largest house.

You will find a Quiet MAY Automatic Oil Burner in each of these homes. Size of income is no measure of one's power to purchase the Quiet MAY; nor is its price a measure of its health-and-comfort value.

MAY OIL BURNER CORPORATION
BALTIMORE, MARYLAND



QUIET MAY
AUTOMATIC OIL BURNER

No Longer a Dream

The light, airy, cheery home in summer



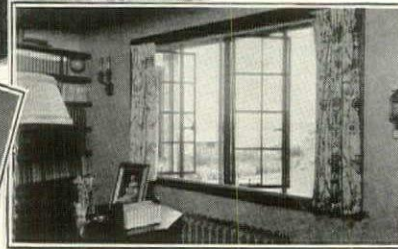
Higgin Screens do not interfere with the view.



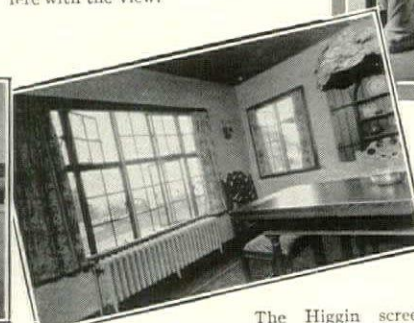
There is no closed-in feeling on this Higgin-screened porch.



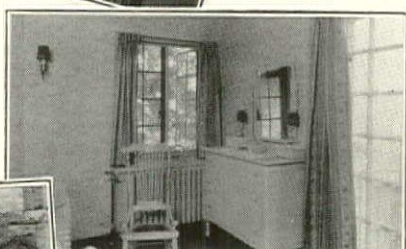
Like dining outdoors with Higgin screen protection



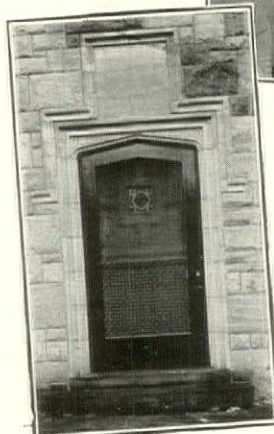
Higgin Screens make this living room really livable.



The Higgin screened dining room allows the windows to be opened wide to let in the breezes.



Open windows, Higgin screened, invite the cool breezes to enter this bedroom.



Dignity and simplicity are the key-notes of Higgin Screen Door Construction.

The Higgin Line

Higgin All-Metal Screens
Higgin "Superior" Rolling Screens
Higgin Wood Screens

Higgin builds screens of all kinds and for all purposes, individually measured, designed, manufactured and installed.

Higgin Screens are built to give years of service. Thousands of Higgin All-Metal Screens have been in continuous use for more than twenty-five years and are still giving perfect satisfaction.

Higgin also makes All-Metal Weatherstrips which save fuel and increase home comfort in winter.

THOUSANDS of home lovers have discovered a new sense of well-being in spring, summer and autumn.

"I considered screens as necessary nuisances and thought of them only casually. Then one day I heard about Higgin Screens.

"I had to alter my ideas entirely. I was told they had trim, narrow, almost invisible metal frames and fine antique mesh, but that sounded so matter of fact. I had to live behind them to realize what it really means to have Higgin Screens — the kind that do not bar light or air, nor interfere with the view. Higgin Screens have made a dream come true — a light, airy, cheerful home in hot weather.

"Then, too, the way they harmonize with the surroundings adds

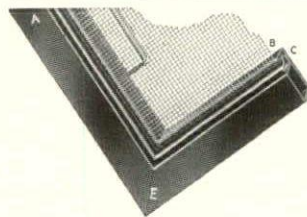
to the restful pleasure of home life. I noticed how carefully the Higgin experts studied each opening, yet I did not expect such perfect blending of the screens, in style and color finish, with the trim and interior decorations. With none of the jarring effects often to be tolerated with ordinary screens, there is delight after delight in living behind Higgin Screens."

A large business enables Higgin to maintain a nation-wide organization of trained representatives. Send us your name and address and we will have the Higgin expert near you call and give you valuable suggestions on screening without cost or obligation. We will also

mail you an interesting booklet. The Higgin Mfg. Co., general offices, Newport, Ky. Branches at Kansas City, Mo., and Toronto, Ont., Canada.

HIGGIN
ALL METAL
Window Screens

"Screens that last longest cost least—
Higgin Screens last"



(A) Narrow all metal frames assure strength and durability and do not cut off light. (B) Bronze wire mesh resists corrosion. (C) Splines forced into frames hold cloth taut permanently. Removable in case cloth is damaged and requires replacement. (D) Frames enameled inside as well as out to prevent rust. (E) Corners, set with driving fit over inside corner angles, remain rigid.

The Higgin Mfg. Co., 29 Washington Ave., Newport, Ky. Please send booklet "Your Home Screened the Higgin Way." I assume no obligation in making this request.

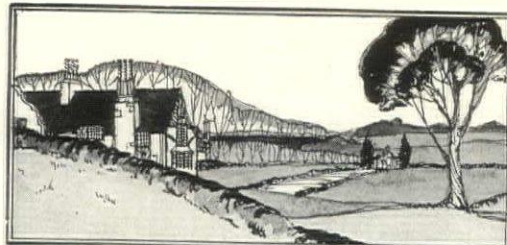
Name.....

Street.....

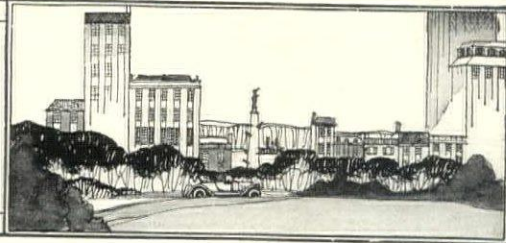
City..... State.....

Shall we send you our booklet on Weatherstrips and their relation to fuel saving and comfort? Yes No





REAL ESTATE



If the property you want to sell, or lease, is the kind of property that would appeal to the discriminating taste of the readers of House & Garden, then obviously, the place to advertise it is in these pages, where it will meet the eyes of thousands of prospects who will appreciate its fineness. Advertising rates will be furnished you, or your agent, promptly upon application to House & Garden, 1930 Graybar Bldg., Lexington at 43rd, New York City.

FOR SALE TO SETTLE AN ESTATE

One of the Most
Attractive Homes on

Lake George 6 $\frac{3}{4}$ Acres

fronting 500 feet on Lake George; on an automobile highway; 9 miles from Lake George Village. Telephone and daily mail. Fast motor boat.

Write for Illustrated Booklet

Liberal Commission to Brokers

Joseph Day Inc.
Sole Agent
67 Liberty St. New York City

HOUSE & GARDEN knows the needs of its readers and their tastes. The town-houses, the country places, the apartments, that you see advertised in these pages are—all of them—homes that have been built and lived in by people with the same tastes, the same standards of fair, fine living, as yourself. The houses that are submitted to you, if you write to us, are submitted by agents we know, after the houses have passed severe tests for survival. And if your house is for sale—it is among our readers that you will find your best prospective buyers.

Whenever you are buying a house
or selling a house, turn first to

THE REAL ESTATE DEPARTMENT OF HOUSE & GARDEN

Graybar Bldg. Lexington at 43rd

New York City

ORANGES BLACK BASS AND A HOME IN FLORIDA



Photographs Made December 12, 1927

THE Florida estate of J. F. Kent is offered for sale because business interests require all of Mr. Kent's time in Birmingham, Ala.

This estate totals 110 acres at Lady Lake, Fla., on paved highway between Ocala and Orlando, 8 miles north of Leesburg, in Lake County. It is $\frac{3}{4}$ mile from Atlantic Coast Line Railway station. There are 51 acres in citrus fruit trees, now bearing, as follows: 1500 orange trees, 1200 tangerine trees, 25 grape fruit trees and 2 acres of grapes.

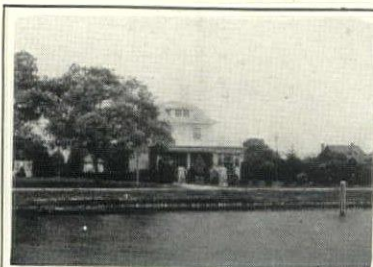
There are three fresh water lakes on this estate and there are 1400 lakes in Lake County—said to be the best fresh water fishing in the United States; abounding with black bass, one of the best game fish known.

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Builder: Michael E. Paterno

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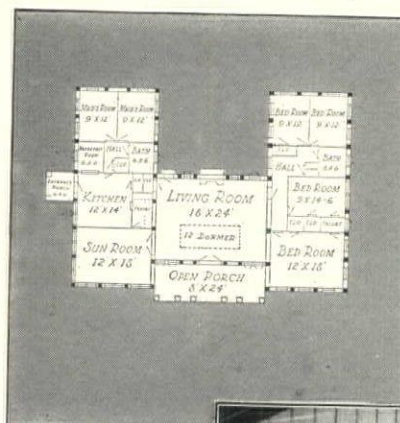
THE family was tired of renting cottages and weary of summer hotels. What they wanted was a comfortable, convenient summer home up in the mountains—a house with plenty of big airy rooms. They wanted a living-room with a large open fireplace, four bedrooms and, of course, two baths. In fact, the father had worked out an ideal plan. But somehow, the dread of building—the details, the worry and the cost had always held him back.

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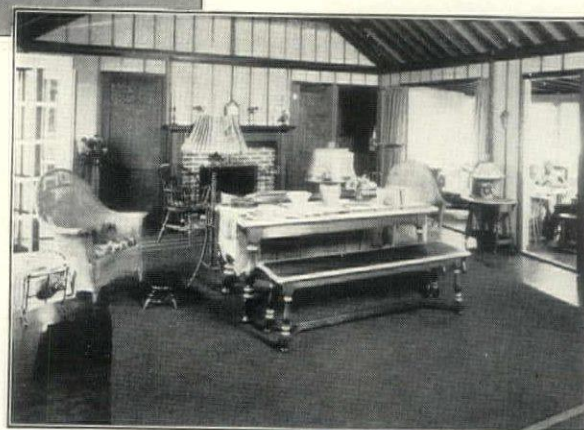
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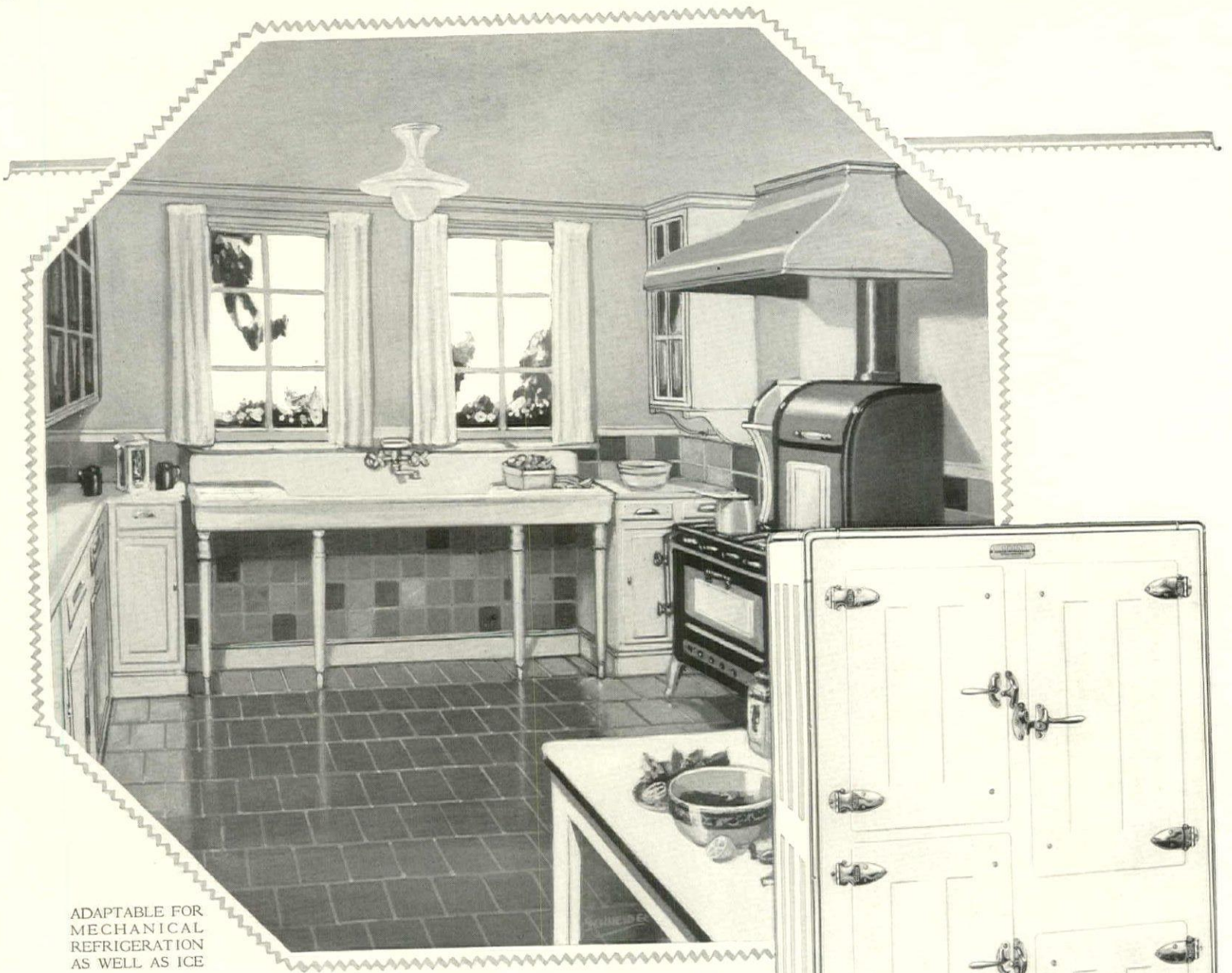
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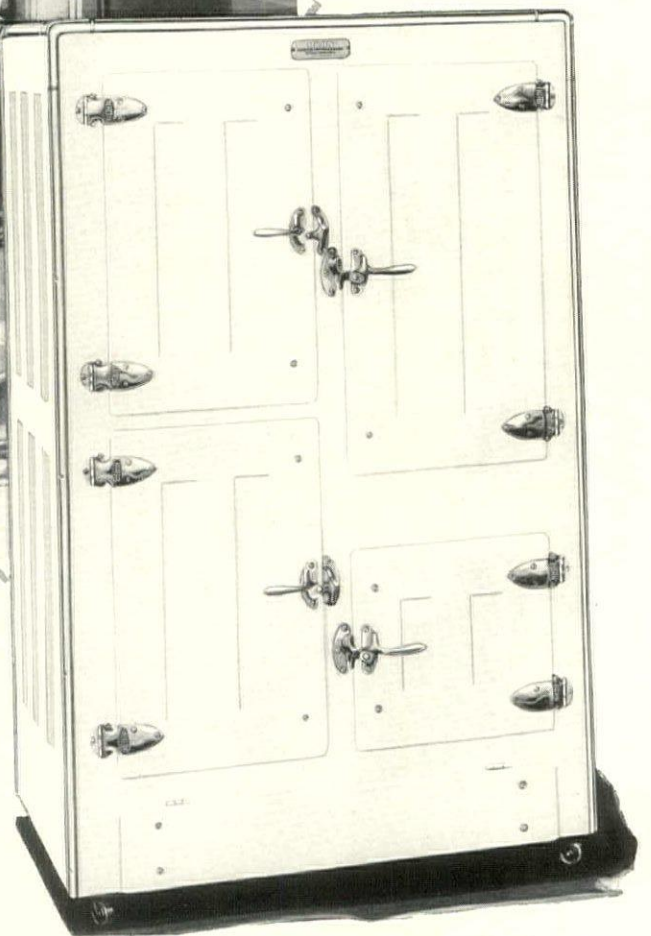


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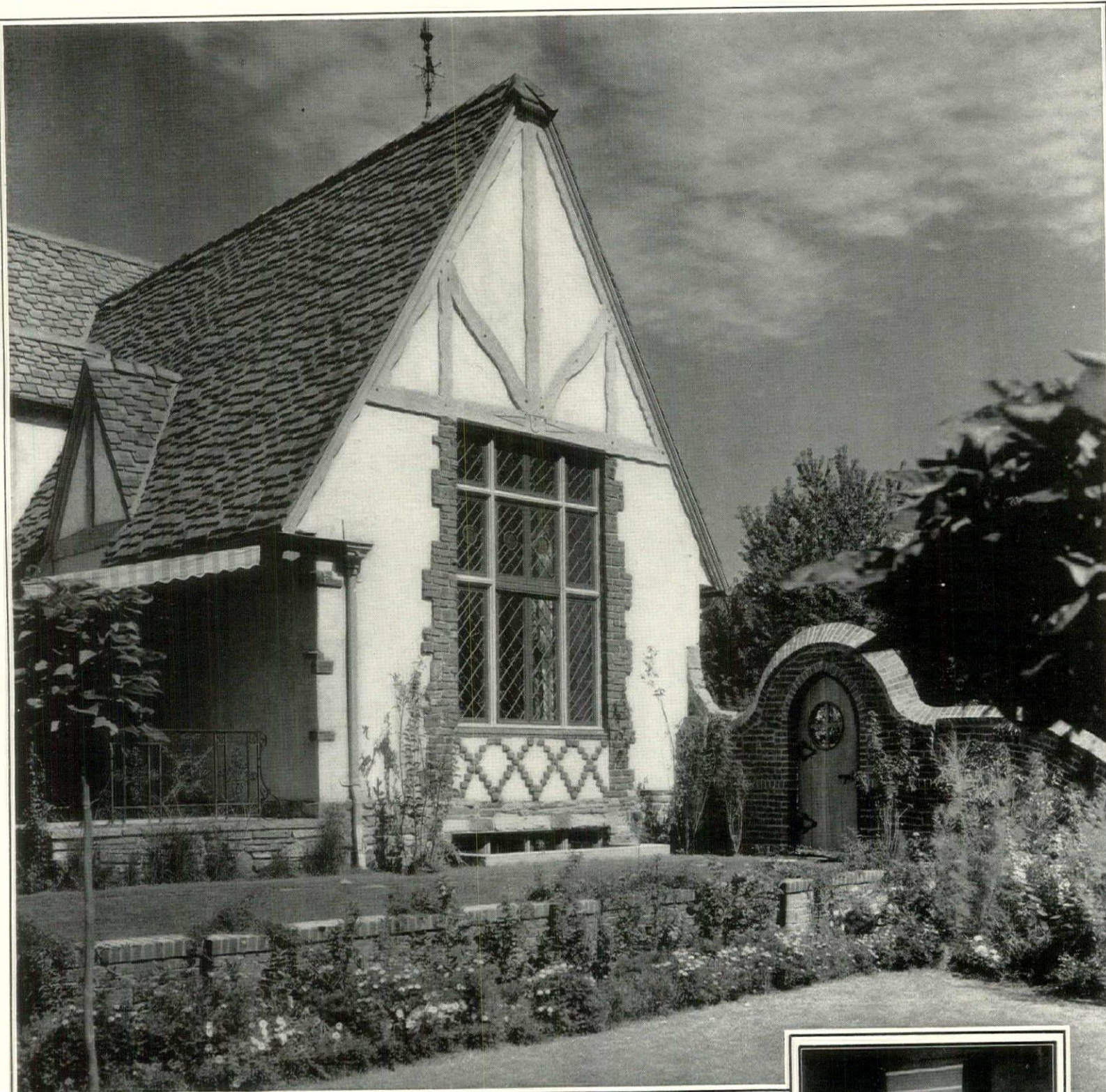
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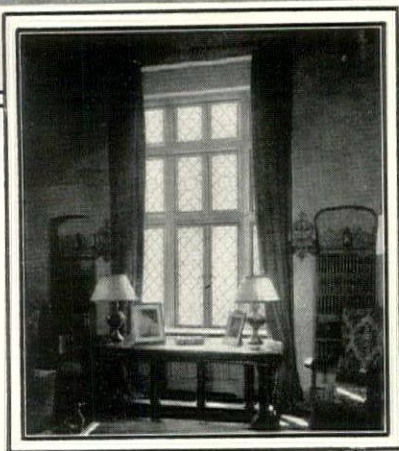
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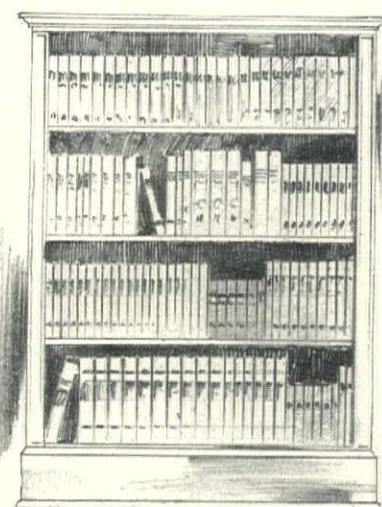
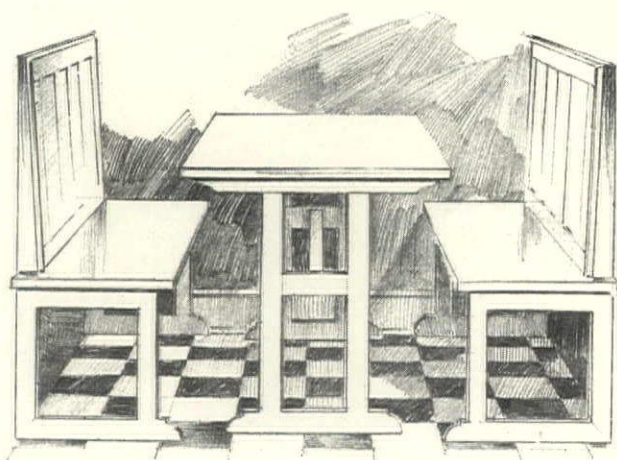
Interior view of window shown above. Residence of Mr. C. K. Boettcher, Denver, Colorado. H. J. Manning, Architect

Corner Cupboard C-6511

Made in white pine, this beautiful design can be painted or stained to match furniture in any period. It requires only 26¼ inches along each wall, and is 84¼ inches high. Price, \$52.08 to \$58.59.

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Open bookshelves are not only useful, but are also highly decorative. Now, any house or apartment with any space to spare, from a niche to a whole wall, can have bookshelves of architectural quality. You buy the ends, tops, vertical divisions (10 inches deep), backs, and adjustable shelves (8 inches deep) with beautifully molded front edges, to fit. Sketch and measure the space you wish filled and the Curtis dealer will tell you how little it costs.

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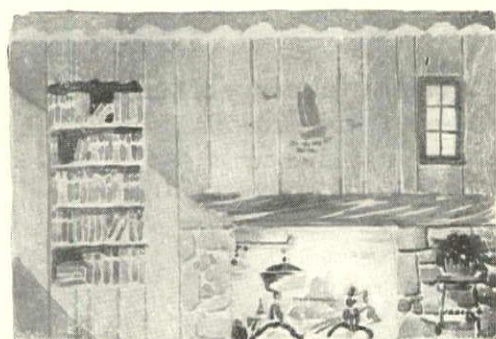
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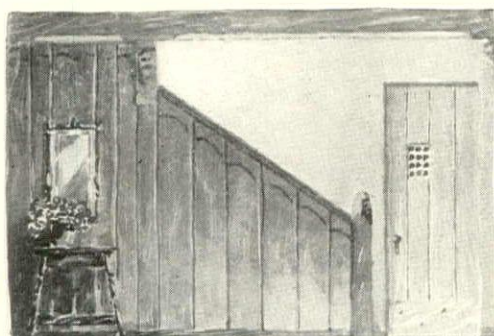


Otto McCrackin, Hutchinson, Kansas—Architect

This prize design and eleven others are available to the home builder



Hand-hewn Douglas Fir beams contrast with a V-cut, sand-etched ceiling over fireplace and living room



Old world charm is the keynote of this staircase, emphasized by occasional hand carving

TWO HUNDRED home designers—among them the most skilled in America—co-operated with the lumbermen of the Pacific Northwest in creating a series of original and beautiful home designs...to be built with the four "Big Tree" woods of the Douglas Fir region.

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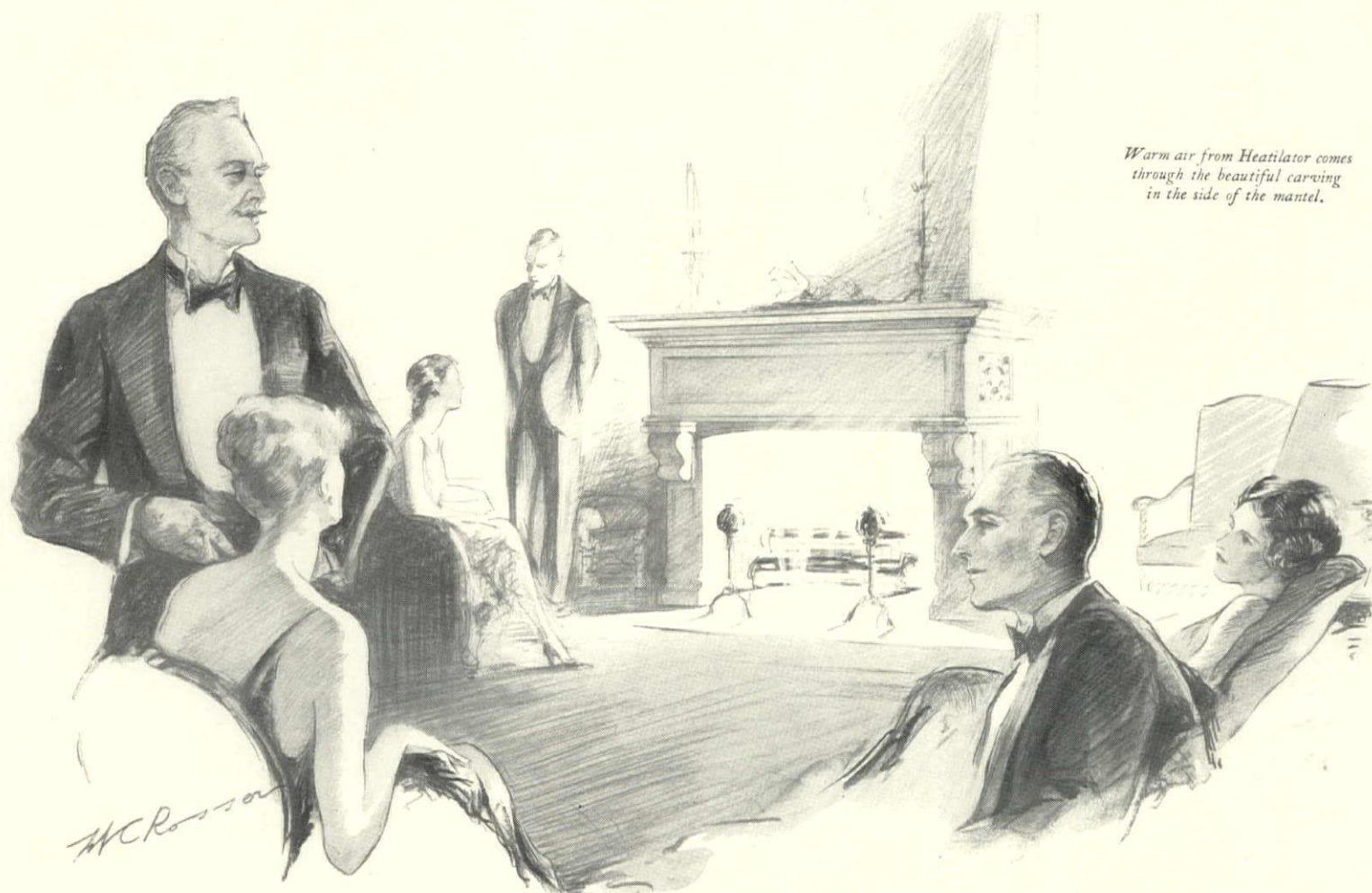
Important West Coast Woods — Douglas Fir

- Sitka Spruce

- West Coast Hemlock

- Western Red Cedar

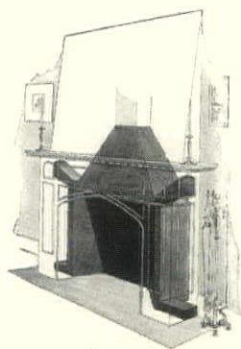
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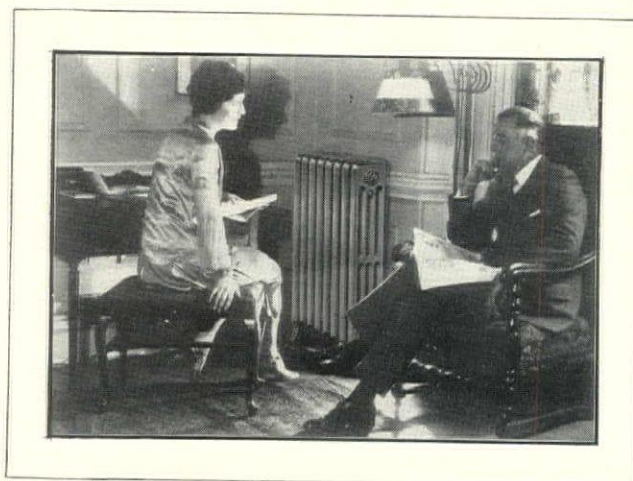
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better steel casements—smooth, easy operation—convenient washing of both sides of the glass from within the room—screens inside, clean and protected from the weather—outswinging sash that capture even the breeze that parallels the wall. ✱ ✱ All these advantages—plus weather tightness without the expense of weather-stripping; and at a cost much less than you would suppose—in fact, little if any more than the cost of ordinary windows. ✱ ✱

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Oil Fire Emphasizes Boiler Inefficiency

WHILE an efficient boiler can handle an oil fire as well as it can a coal fire, it is absolutely true that a boiler that wastes heat with a coal fire will waste still more heat with

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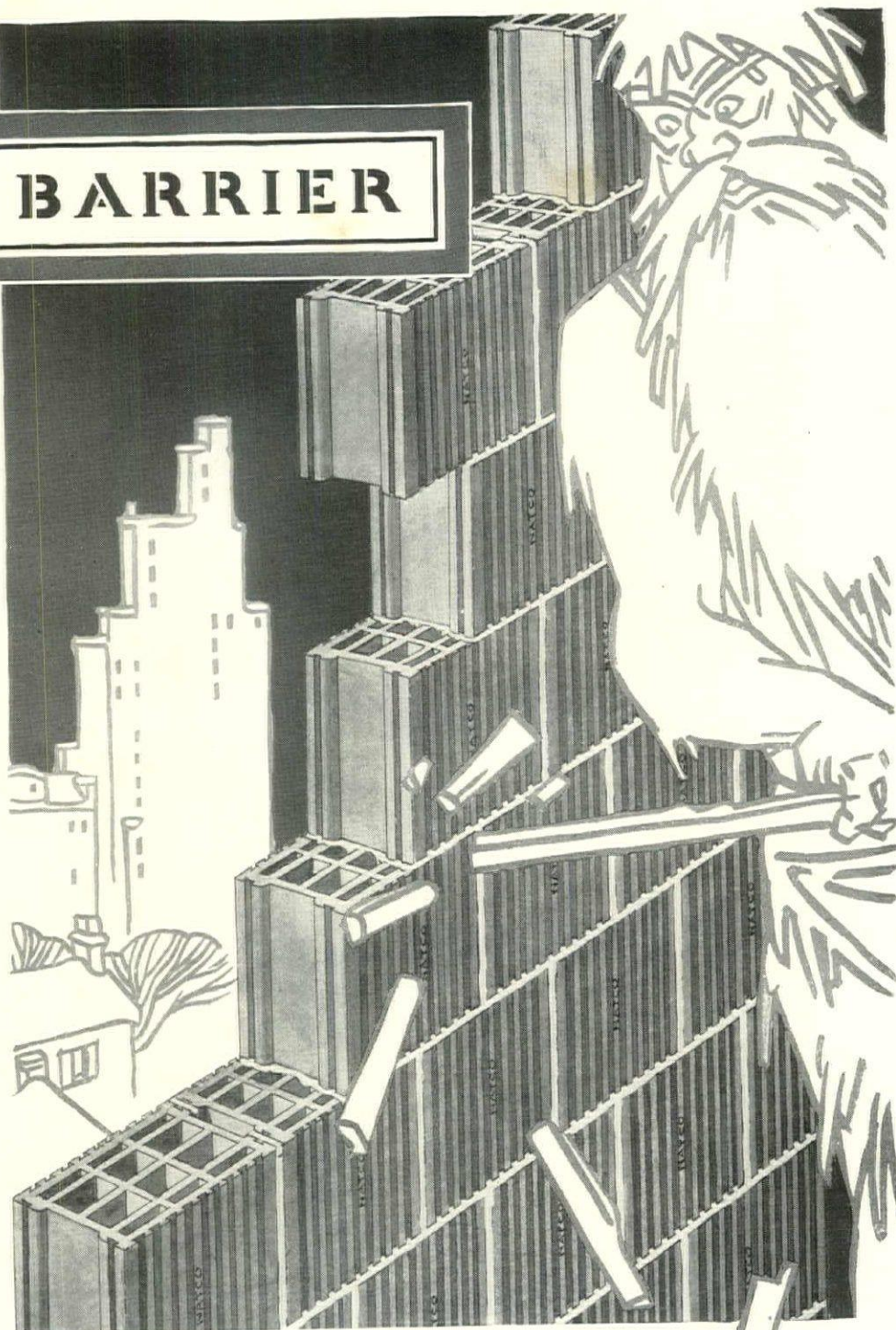
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And *protection* is the prime characteristic of the Complete Natco Line of Hollow Building Tile. The exclusive Natco Double-Shell feature, with its non-continuous mortar joints, surrounds the structure with a series of blankets of dead air, decreases fuel consumption—multiplies comfort—makes additional insulation unnecessary.

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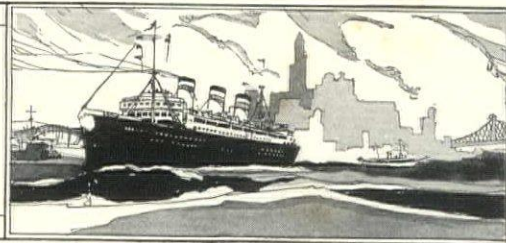
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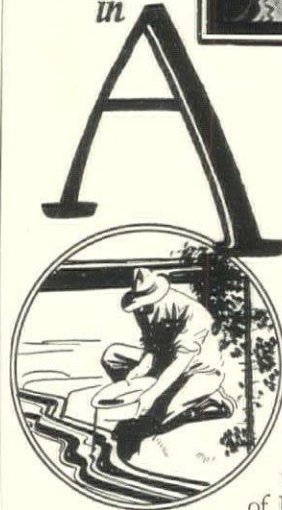
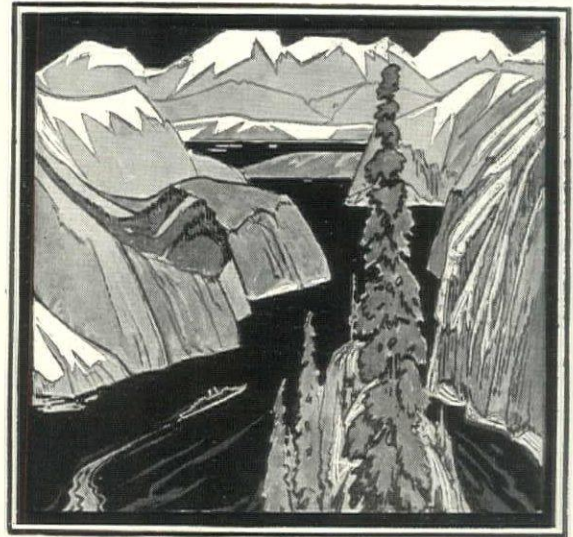


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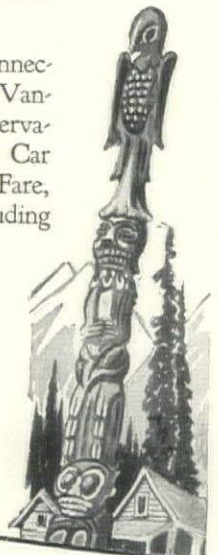
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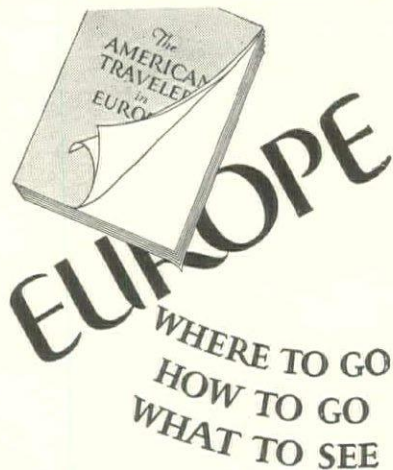
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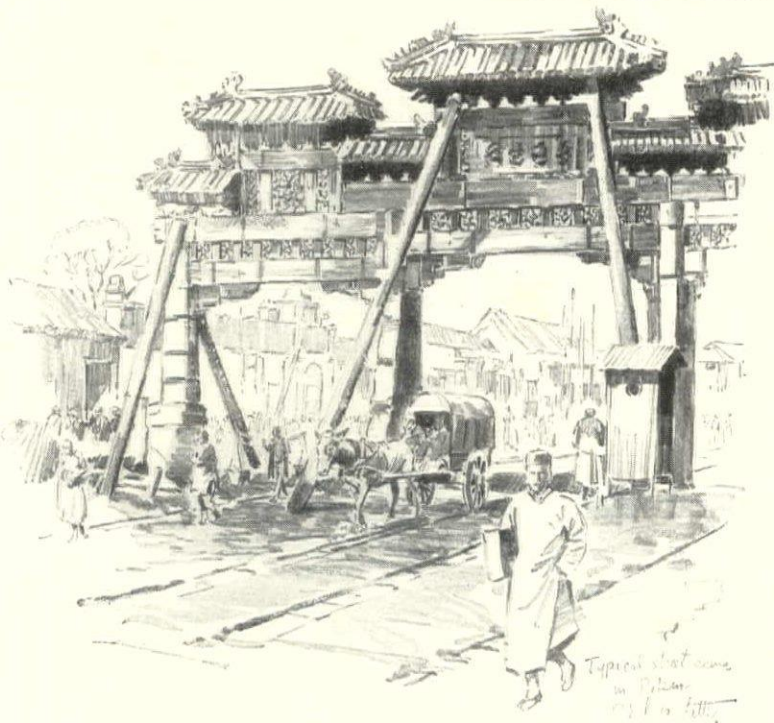
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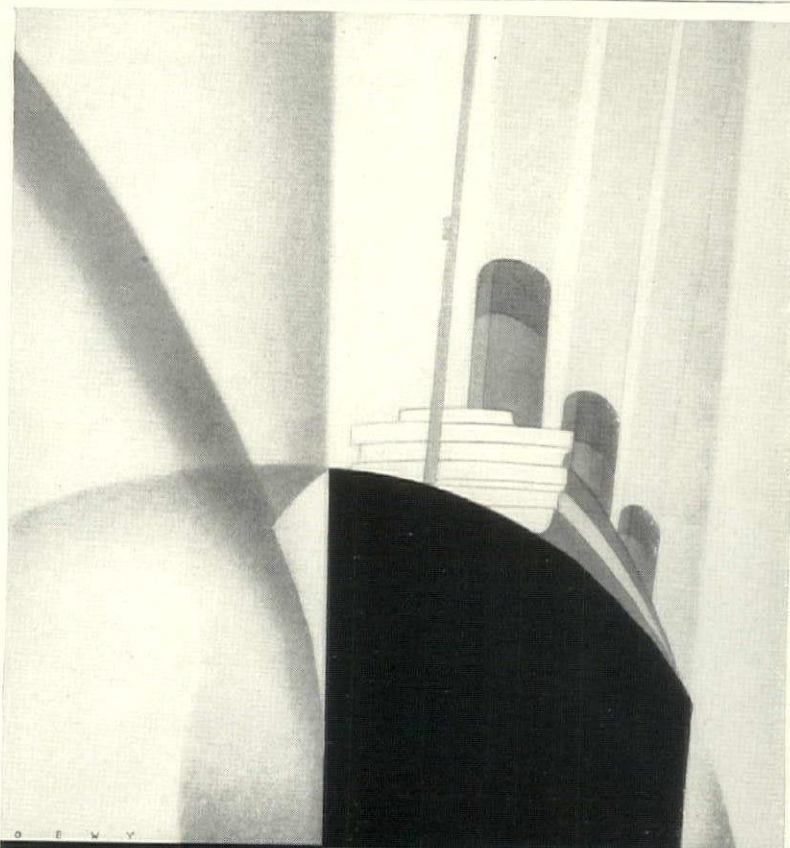
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Washington's Home

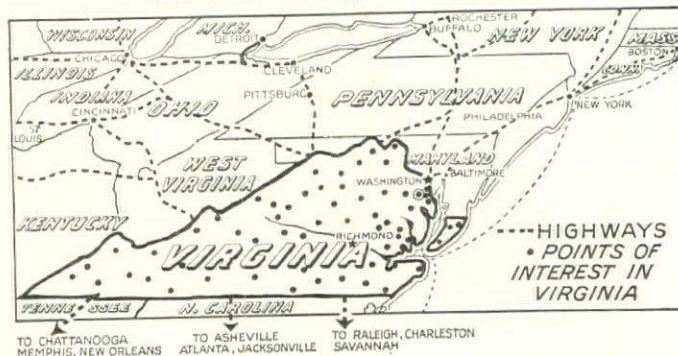
The circle on the map locates Mount Vernon, Washington's Home. Though better known than many others, it is but one of many national shrines in Virginia.

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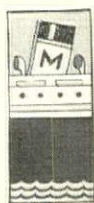
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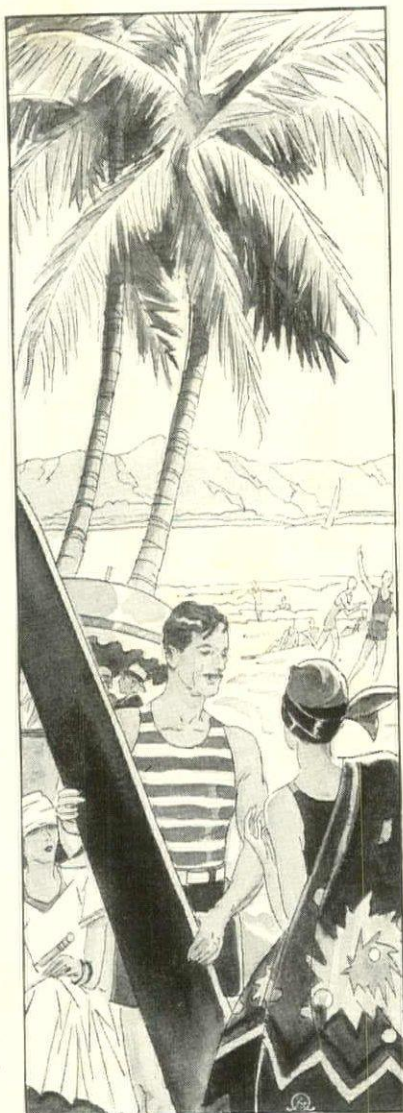
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AN EMERALD set in the blue Pacific... an island paradise—Hawaii. Four days beyond the Golden Gate its pleasures are waiting for you; its fascinations are eager to claim you. Think of swimming off Waikiki in the moonlight; think of golf on a famous mid-Pacific course; think of strangely delicious new foods to eat, new sights to see, new sports to enjoy.

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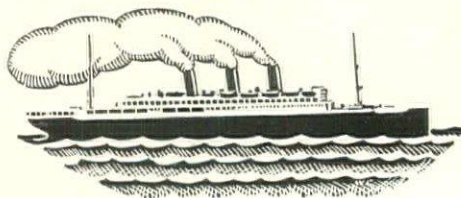
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"I've had to stand rusty baths for a whole year. I've had to send our laundry out because I can't get a laundress to wash in the dirty water from these old iron pipes.

"I think I've been pretty patient. But when I can't wash my silk underwear without getting it streaked with rust I think it's about time we did something about it."

* * *

Many other people are "doing something" about the red, rusty water from old iron or steel pipes.

They are putting in brass water pipes that can't rust. And people who have found out something about plumbing materials are insisting on Alpha Brass Pipe.

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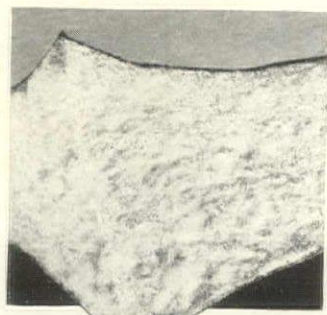


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/ in

— there is no other way to make
your house heat-tight



Would it be good judgment for you to use an insulation all over your house yet leave open all cracks and crevices around windows, doors, in corners, etc.? Many are making that mistake. Doesn't it seem reasonable that you should caulk these cracks—seal the openings, where the great heat losses occur?

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WHEN typical March weather is undecided enough to halt actual garden operations, it is a fine idea to bring the garden into the house. This can be accomplished by adding to the potted plants you already have in the way of ferns, cacti, etc., and also by placing more and more fresh flowers about the living room. Azaleas and Mimosa which for some time have been missing from our plantings in consequence of Quarantine 37, are again to be found among available spring blooming plants, and lend themselves gracefully to the home atmosphere. Tulips, Primroses, Hyacinths and Jonquils make bright spots wherever they are placed and can be chosen to blend harmoniously with the color scheme of any room. Quaint flower holders of Dresden or bisque figurines gaily hold the season's offerings and prove a relief from the regulation vases one expects to find and of which one never has enough anyway. For the boudoir, there are dainty figures of ladies in Empire costume that very obligingly hold milady's bouquet. Max Schling, Inc., has any number of floral suggestions to offer for the further enhancement of the interior.



MARCH is a month that is almost unendurable to more than a few people. They have a feeling of sameness. Their clothes, their homes, all things around them assume dull and drab tones. This is due to nothing more than a drawn out winter and the expectancy of spring, but those who are unable for one reason or another to entirely refurnish their homes, or innovate radical changes, regard themselves as unfortunate. This need not be so, for any addition, however small, has a remedial effect. A desk, whether it be in the library, the living room, the office or the study, presents itself as a good subject, since so much of one's time is spent at it. Francis Joyce has a very attractive paper desk set, designed along modernist lines, in a fine color combination of red and black. The items of this set, consisting of a writing portfolio, a stationery rack, a desk basket and a waste paper basket, may be had singly, if so desired. Good sized cigarette and match boxes are also to be had in the same interesting design, and are really fine accompaniments to the desk set.

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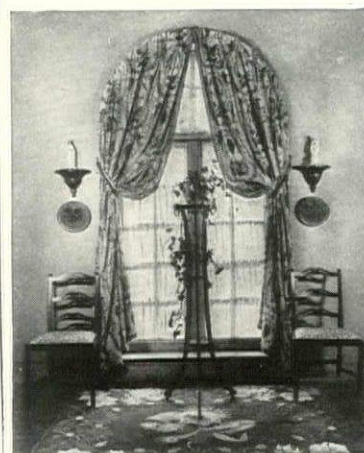
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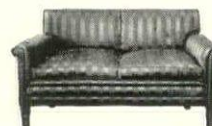
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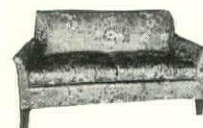
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ARCHITECTURAL advice is more a necessity than some people are inclined to believe, until after they've seen the result of what they planned to have but which didn't turn out as it should have, and would have with the proper guidance. Viewing actual examples of various wall textures, paints, floorings, boilers, radiators, etc., is of decided advantage to a prospective home-builder. For just this purpose is the Architect's Samples Corporation at 101 Park Ave., New York. A visit to their finely equipped showrooms is sure to prove helpful.



OF interest at this time when the house is being generally refurbished and one's thoughts run on to the summer lodge, are the Tony Sarg Marionette prints, which are quite amusing and a source of delight to children and adult alike. McCutcheon's have

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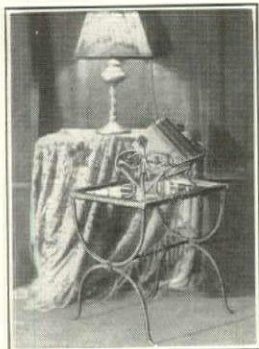
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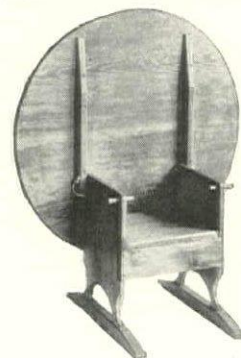
1 Floyd St. Brooklyn, N. Y.

these in a range of seven colors (white, tan, apricot, blue, black, yellow and apple green) in each of the following patterns: Red Riding Hood, Toyland, Wooden Soldiers, Jack-in-the-Box, Mother Goose, the Circus and Marionette. Window hangings and bedspreads to match made up in any of these designs would be not only effective from the point of view of decoration, but entertaining to the child as well as to any chance visitor.



THE winter is about breaking up and more than one sign heralds the approach of spring. Before renovating, repainting or refurnishing is begun, it might be a good idea to look around and take count of just what caused any damage this past season. Are the floors and subsequently the ceilings below pretty badly splotted as a result of the overflow of water from steam radiators? A specially designed air valve obviates this difficulty,

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Child's Pine Table and
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Seat 11½ inches high
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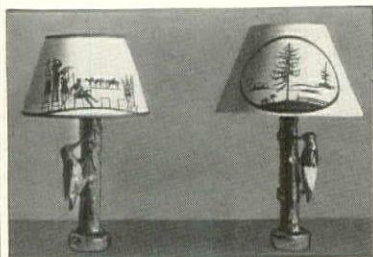
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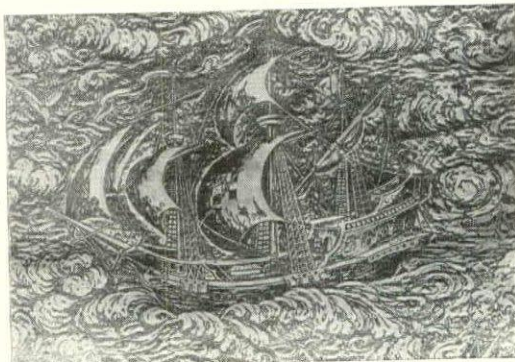
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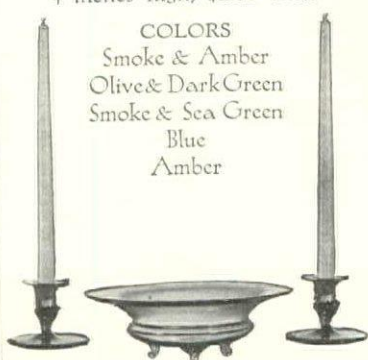
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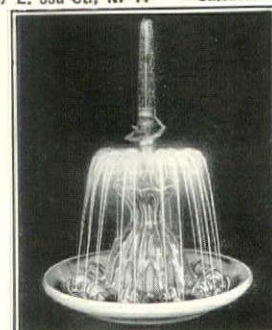
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for it allows the necessary escape of air from the pipes but automatically guards against the passage of steam or water. Those who have suffered with radiators that refused to heat to their full extent, even when a high pressure of steam was coming from the boiler due to the inefficiency of the old fashioned air valves, will appreciate this new type, which may be obtained from all dealers.



IT was formerly an accepted fact that kitchens and bathrooms should be purely and hygienically white in order to emphasize their utter cleanliness. However, reasonably enough, women are more and more growing away from this idea, and admitting the charm and homeliness of color in these rooms. "The Kitchen Decorators" do exactly what their name implies. They have many original designs for the decoration of every conceivable kitchen and bathroom need, from the curtains, shades, shower curtains

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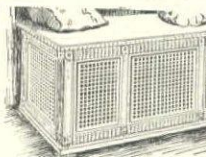
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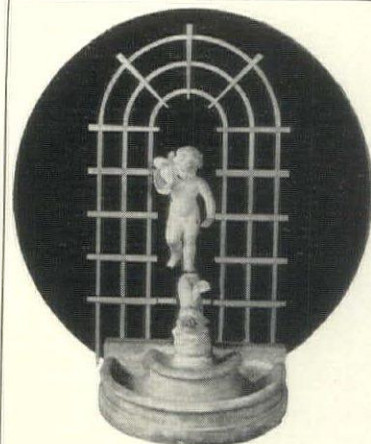
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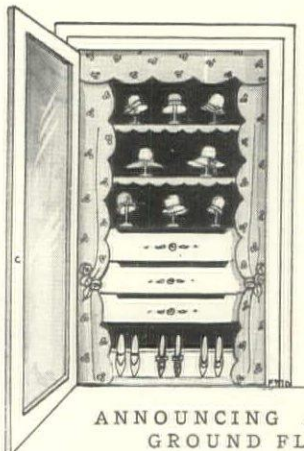
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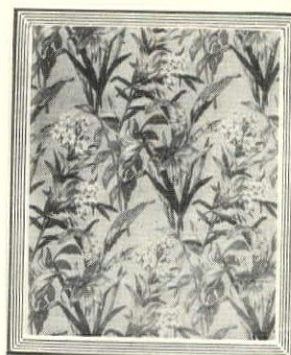
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and clothes hampers down to the smallest item. For instance, the curtains (if of an unfigured material) and the window shades might have as a border the design that ornaments the over-the-sink cabinet, the bread and cake boxes, the canisters, the cereal bottles and boxes. A kitchen where color and design elements have been introduced is much more appealing to the eye than one that is drab and severe.



THE term "modernist" as applied to furniture no longer recalls to mind what it did five and ten years ago. Then it represented the bizarre, the vivid, the thirst for individuality, as opposed to the established orders. To-day through the process of an evolution of circumstance and event, and in an age when individuality and self-expression are no longer shocking or startling, modernist furniture is represented not only as the choice of a limited few,

Grace and Charm in this new Candleholder

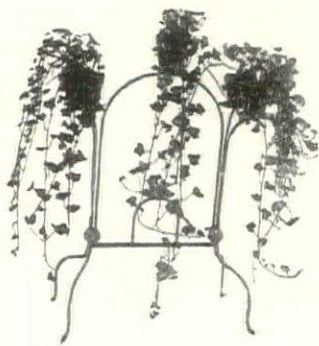
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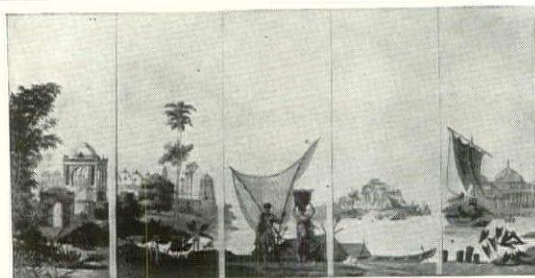
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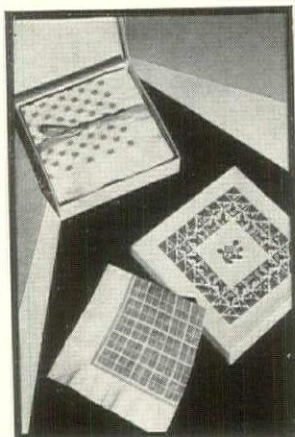
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but is proving practical as well. R. H. Macy early in December opened an exhibition of modernist furniture consisting of three completely furnished rooms (dining room, living room and bedroom) which are notable for their historical value as a possible step forward in the furniture field and as an example of the adaptability and practicality of this type of furniture to modern usage.



FOR the person who still is reluctant to accept the modernist style of furniture, it is a good idea to introduce a few pieces at a time. And lest you think that modernist furniture is out of place when mixed with good old pieces, visit the Park Avenue Galleries. Here one finds a happy mingling of old and new. An old Venetian rococo armchair is set against a Robert Chanler modern screen of very delicate colorings. A cubistic shaped modern table is placed alongside a Federal Period settee. Painted modern pieces

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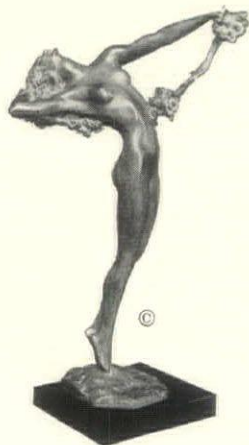
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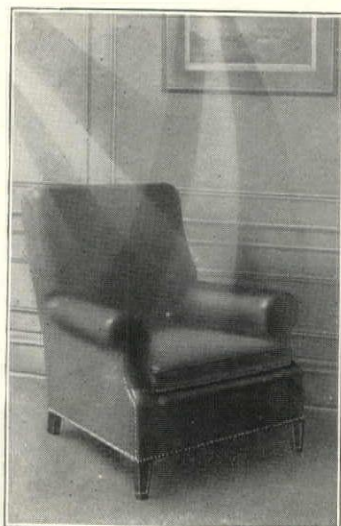
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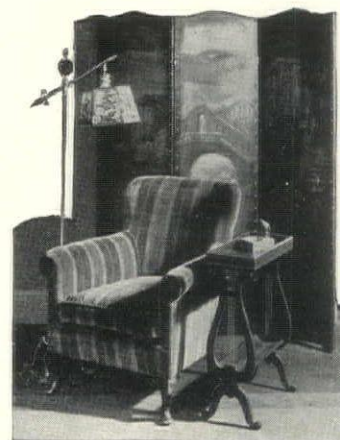
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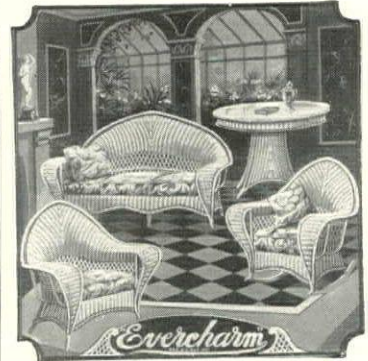
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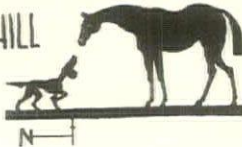


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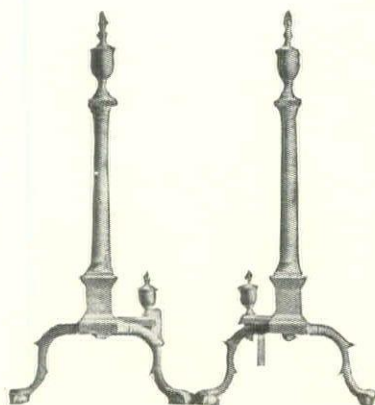
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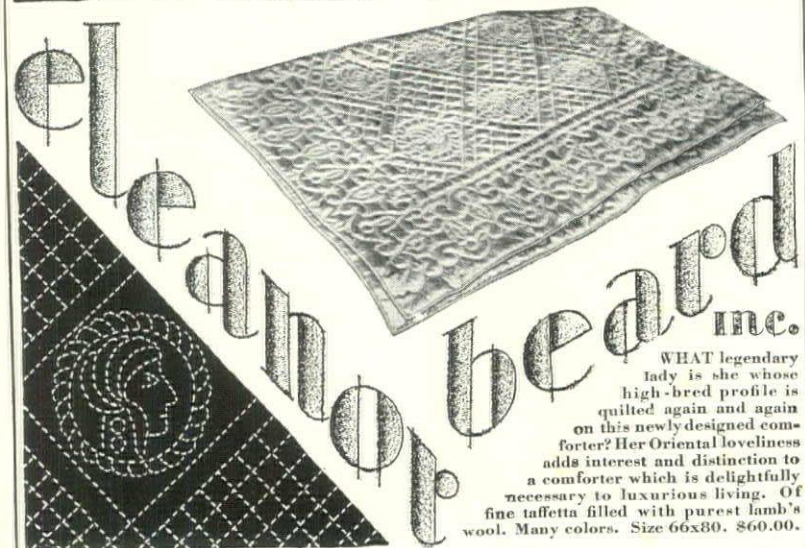
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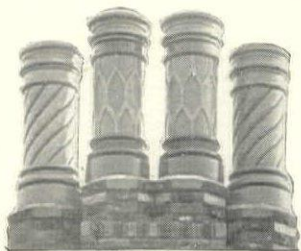


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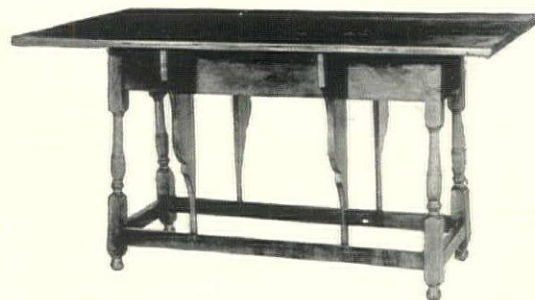
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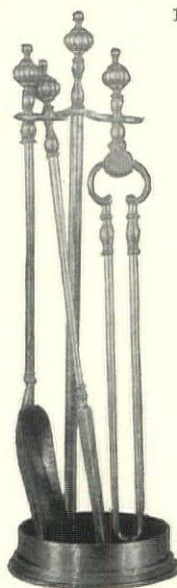
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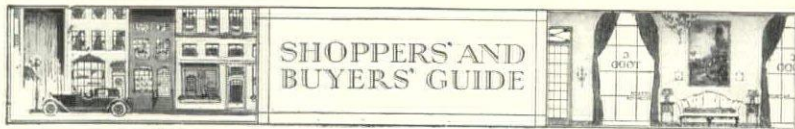
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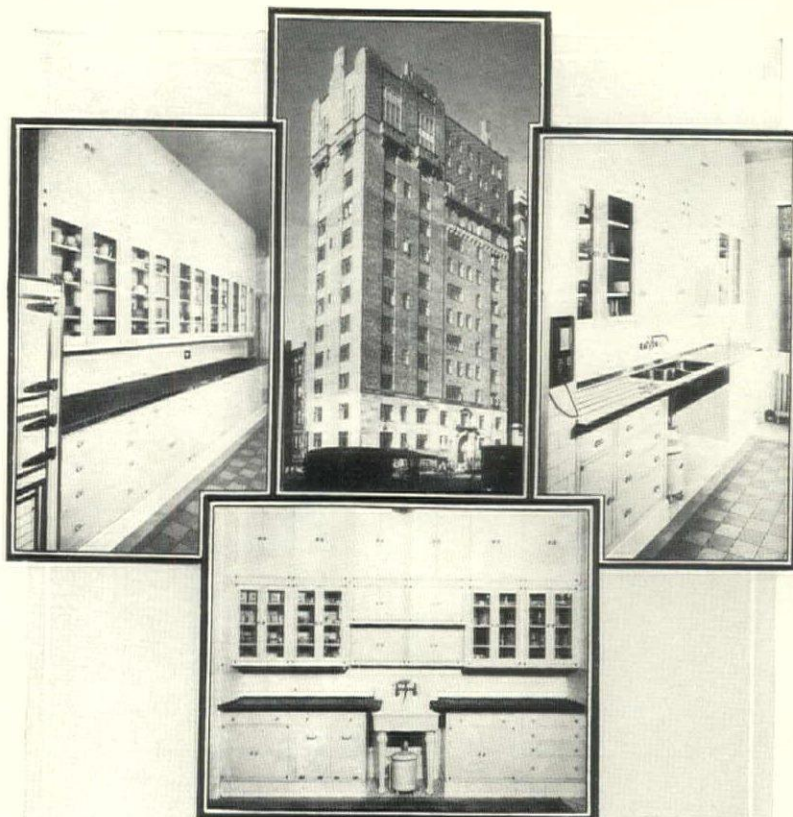
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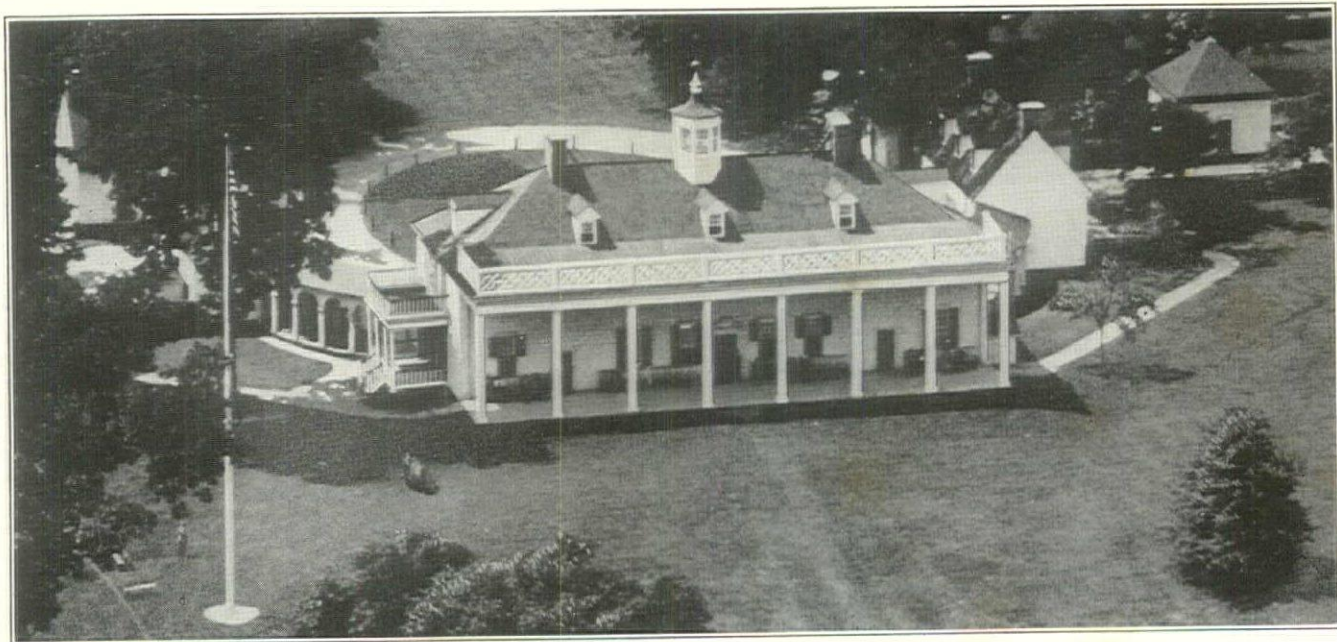
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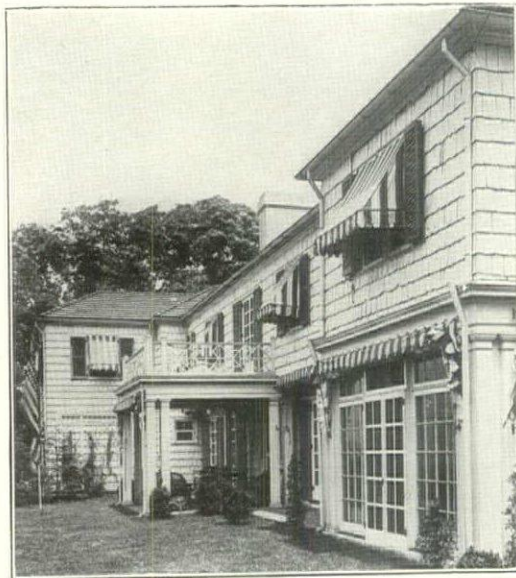
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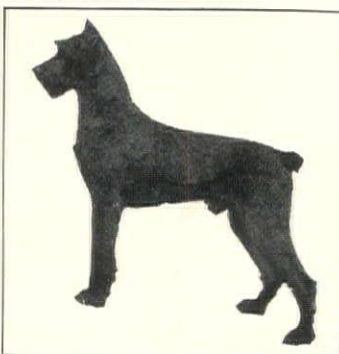


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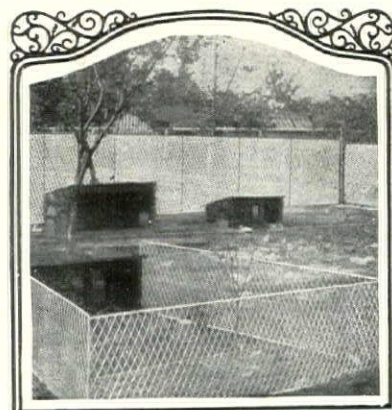
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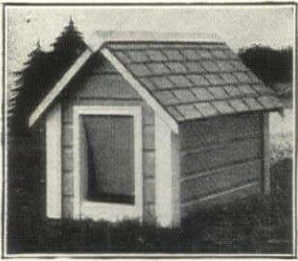
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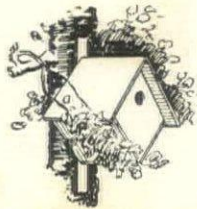


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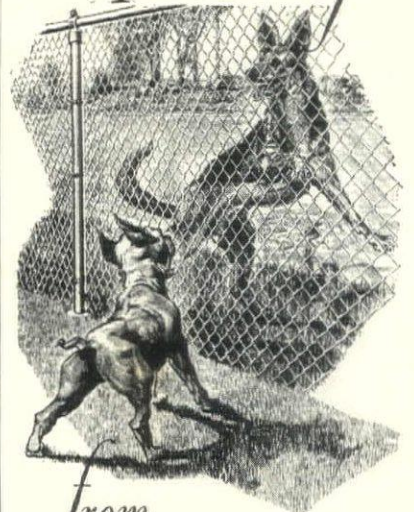
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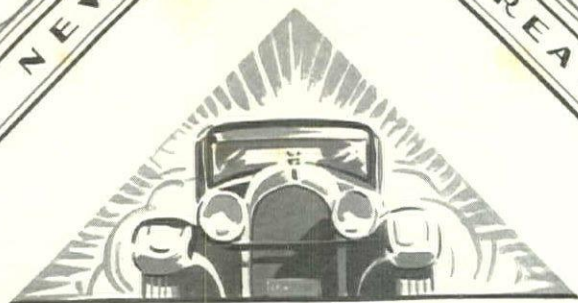
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RICHARDSON WRIGHT, *Editor*

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MARCH, 1928

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AT about this season of the year, the gardener becomes a stretcher-bearer. The Battle of the Winter over, he sallies forth across the frost-trenched garden to dig up his dead and count his casualties. Of those dozens of Rose bushes he planted last autumn in fond hope of a sure spring resurrection, how many remain? Of those Crocuses and Tulips he committed to the earth, dreaming of a gorgeous spring display, how many have the moles and field mice left? Of all those speculatively hardy things—those Chrysanthemums and Tritomas, those Brooms nursed carefully all last year and then left out-of-doors—of these how many have the soil-ripping frosts and the intense winter cold permitted to survive?

To the hardened gardener of many years' experience, this is all part of the day's work, just as in warfare, burying the dead and picking up the wounded is a job that has to be gone through however unpleasant it may be. There comes a day in early April when it is safe to venture abroad, when the barrage of cold lifts and we begin to uncover the beds and unwind the Box bushes and brittle conifers from their swaddling gunny-sacks and tilt back the glass of the cold frames. Gingerly we lift off the winter mulch with a fork—the leaves and hay and the boughs and boards that held it in place.

At this point you may tell a hardened gardener from a beginner. For a beginner is a meticulous soul. Like a new bride with a brand new house that she keeps uncomfortably clean, the beginning gardener will clear

off every vestage of mulch down to the naked soil; whereas one longer practised in the game leaves the bottom layer on to rot into good leafmold and protect those tender white shoots that appear early.

You may also know the practised gardener by the fact that he has no illusions about the casualties of winter. He goes along his borders like once on a day in the plague times of London, the drivers of the death carts used to pass shouting, "Bring out your dead!" He knows that he will have some casualties. The beginning gardener has a notion that, by the kindly favoritism of Nature, his garden will be skipped. Wouldn't it be pleasant if, like the Hebrews of old, we could mark the lintels of our garden so that the Angel of Winter Death would pass them over! Alas, that age of miracles is gone! To amateur and practised gardener alike, spring reveals her casualties.

And further, you may know the type of gardener by the way he takes these casualties. There is no use crying over spilt milk or weeping over dead plants. Bring out paper and pencil and list your dead. Send off to the nurseryman for more. The garden ranks must be filled up. The procession of the Spring is going forward—it must not show ugly gaps.

And having done that, forget it. For there is too much talk and bother about winter killings. It may be the bugbear of beginners but to those long in the game, it is proof of their gardening fortitude, the evidence of that calm philosophic attitude of mind which comes from long association with fickle Nature.

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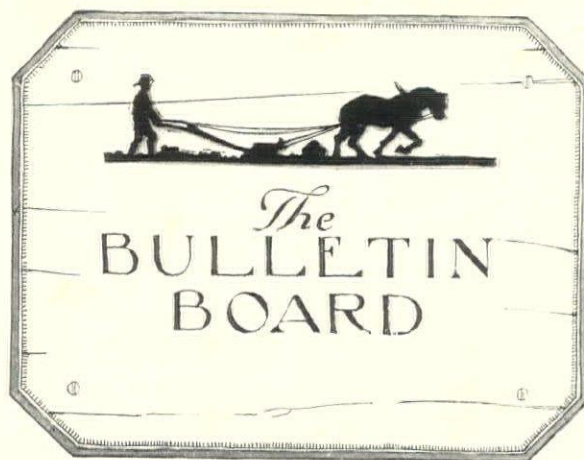
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American Modernism. Today we are hearing a lot about the modernist movement in decorating and furnishing. Enterprising department stores are devoting valuable space to the display of modernist designs, and speakers and writers are trying to explain to a wondering populace what it is all about.

So far modernism is a foreign expression. It has to be translated into American before the average person can understand it. We are importing our modernism. How much better it would be were our American craftsmen and designers to create a modernistic expression of our national life. Since modernism is supposed to reflect the hectic pulsations of contemporary living, does not our complex American existence inspire some radical expression?

It will be interesting to see along what lines American modernism develops. Thus far it has merely mirrored the French, German and Viennese productions.



Static Rooms. One of the principal aims of some foreign modernist decoration seems to be the avoidance of loose furniture.

To most of us furniture is mobiliary: It can be moved about. We can change over our rooms at will, creating new groups and alignments of chairs and tables and sofas to suit the seasons or the vagaries of our taste.

But the modernist hath said in his heart that there is no mobiliary furniture. It must all be built in. He concedes loose cushions and loose books and a multitude of free and movable decorative objects, but the rest of the room stays put. His furniture is static. The sofa is built into the wall and becomes a *banquette*, as the French say. His desk is part of the woodwork. His chairs are related to his shelves and cupboards.

As we recall it, this also was the artistic purpose of those who in our childhood blew the trumpets for the Craftsman Era, that movement which was to save the world from the dismal stodginess of traditional Victorian taste!



The Exalted Hot Dog. Our town fathers are beginning to realize that you may lead a motorist to a hot dog but you can't make him eat it unless it is offered in surroundings that suggest good taste. Consequently there is quite a movement on foot to give our roadside refreshment stands the semblance of architecture and beauty. Already the Art Center in New York has had two exhibitions of designs for these roadside stands and in countless towns and cities worthy citizens are hunting out their ugly eating spots.

This news brings HOUSE & GARDEN a gratifying sense of satisfaction. Years ago we unsheathed our snickersnee against the hideous hot dog stands that line the American roadside, obstructing good scenery and littering the rural areas with ugliness and disorder. In December 1923, we penned a furious invective against them, the editorial being called "Our Gastronomic Highways." When HOUSE & GARDEN began its Town Betterment series the first shot fired was against these hot dog stands: we suggested designs for them, made especially for us by a well-known architect. We have given away scores of the plans and building specifications of these refreshment booths to civic

clubs and individuals interested in this Town Betterment work.

So it is gratifying to see that tiny seed grow into such a strong tree of protest against this roadside ugliness.



Domesticities. In an old English diary that has come to light recently the author made a great point of setting down what he termed "domesticities," observations on the everyday happenings of the household that gave him delight and brought a sense of well-being. We tried the idea the other night on a group of people: asked them what domesticities they most enjoyed. The answers brought two strangely contrasted affairs. One was the pleasure of pulling off old wall papers and the other was the finality of hanging up a dish towel!

If you ever have taken over an old house and set about to renovate it, you will remember the peculiarly destructive joy that comes with tearing off old wall paper. It has the persistent attraction of a dish of salted nuts. You can't help picking at it! Some comes off with a roar in long strips, other stubborn bits must be soaked and scraped off patiently. There is a fierce iconoclastic sense of triumph that sweeps over one when the last scrap of old paper has disappeared and the walls stand naked and pockmarked.

The finality of the dish towel is something quite different. The various processes of washing and wiping having been gone through, the final scouring of sink and kitchen table—then the dish towel is folded over its rack. Few things in this world give such a sense of finality. The artist's last brush stroke to the picture, the author's final polishing of the manuscript, the composer's completing notes to the score—these are endings that are endings. So is the final hanging up of the dish towel. Like a domestic goddess, the housewife may contemplate her labors, see that they are good, and rest from them.



Doc Lemmon Moves. Old Doc Lemmon has moved. This venerable hoss doctor who for many years lived and worked on this page, spilling his pearls of wisdom and philosophy with profligate hand, has taken up his abode on the Gardener's Calendar page. It appears that the old Doc needed elbow room and he didn't like the company that gathered around him. This chatter about modernist decoration and such fripperies riled the old man. So he packed up his traps and went to the back of the book.



Colored Cutlery. At one time people were literally afraid of color. They approached it with the same dread that we all approach a thing we do not understand. Today we wade through floods of it and are begging for more!

When the designers of clocks evolved new patterns recently and made the clock-faces and cases colorful, they were answering this demand.

Even kitchen utensils have taken on colorful tints. The very sight of drab or spotless white pots and pans brought visions of laborious toil to the housewife. Even though modern devices had lightened her tasks, she was slow to realize it because she saw about her the same old utensils. Today these visions are dispelled by rainbow-hued accessories.

And now table cutlery is arraying itself in attractive tints and tones. Visualize what a giddy table these will make, with the new colored linen cloths and the sparkle of colored glass! We can see this new cutlery used in country houses where flowers are abundant and on sun-washed breakfast tables.



Untried Annuals. "So much to plant! So little planted!"

Perhaps this can be carved on the gravestone of a garden-lover. Looking over the new catalogs, as they come in, we realize how signally we have failed our resolution made years ago. This was eventually to grow all the annuals offered by English and American seed catalogs. How have we neglected *Alonsoa* and *Amberboa*, *Bartonia*, *Cacalia* and *Calandrina*! And when will we find time to plant or space to grow *Cynoglossum*, *Collinsia*, *Gilia*, *Echium*, *Eutocia*, *Jacobaea*, *Lepotosyne*, *Torenia*, *Whitlavia* and all those others that have never found a place in our garden! Perhaps some year we will simply resist the temptation to grow all our old favorites and devote a season to catching up with our resolution. It would be a strange annual patch that year—like giving a party to people you didn't know!



Colonial Discomfort. Exponents of Early American furniture may protest the idea, but we have a notion that of all styles it is the one that offers the least comfort. In this iconoclastic thought we have recently been upheld by a young lady who has been staying in a house furnished completely with primitive American pieces of great value and rarity. She was literally obliged to go to bed to get comfortable!

Our forebears wore more clothes than we and they were raised under a harder regime. To them the slatback and the wooden-bottom chair were the veriest epitome of ease. But to our softer generation, schooled to expect comfort on every muscle, the rigors of some Early American pieces are distressing.

It might be well for us to undertake a more vigorous regime. And yet, when we compare our daily hectic lives with the relatively slow lives lived by the Colonial fathers, we begin to think that they were the ones to have an easy time of it. They may have thought hard chairs comfortable, but could they stand up under the strain of the lives many of us lead—the strain of noise and rush and fierce business competition? Perhaps they would be the ones who would flee to bed to find comfort and ease and tranquillity.



Buffotot

IN A GARDEN NEAR VERSAILLES

At Gier, a village near Versailles, is this garden about the home of the artist Drian. The house is old, and the garden, in the style of gardens thereabouts, enjoys the privacy of a high wall. Through an arch in the wall one comes upon this glimpse of cobblestone paths and the porticoed entrance with the sun-dial on the wall above it

*The stately American Hellebore, *Veratrum tenuipetalum*, was found flourishing in Wolf Creek Pass*



STALKING AMERICAN ALPINES

House & Garden Sends a Plant Exploring Expedition

Into the Flowered Rockies of Colorado

HERBERT DURAND

FOR my first introduction to the Alpine flora of the Colorado Rockies, and for most of the knowledge of its characteristics since acquired, I am indebted to that indefatigable explorer, botanist and propagator, Mr. Darwin M. Andrews, of Boulder. During the summer of 1926 he took me along on three collecting trips into those exceedingly high mountains and showed me the glory of many floral kingdoms. He pointed out scores of lovely plants in the fulness of bloom, any one of which, if propagated and made available to garden makers, would inject a bit of new and

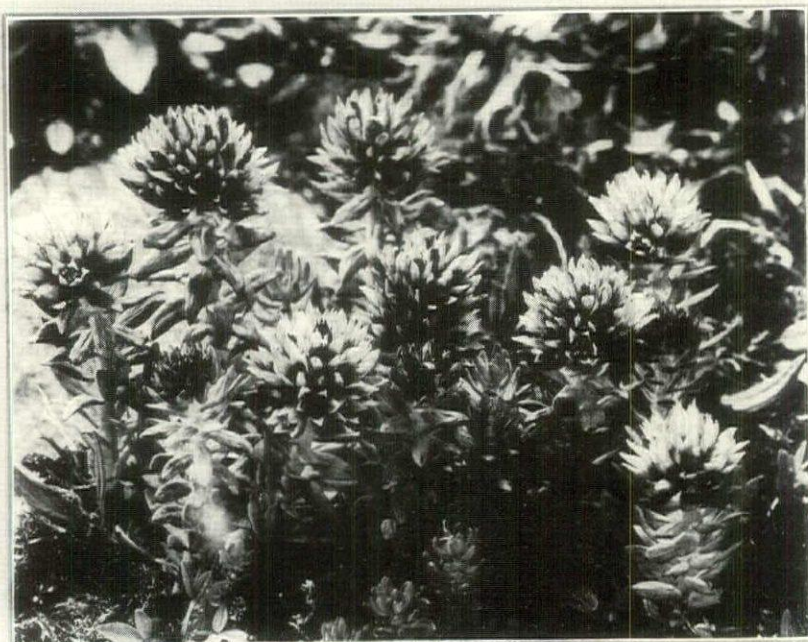
With this article Mr. Durand, known nationally as an authority on wild flowers, begins his report of the House & Garden Plant-Stalking Expedition which worked last summer in Colorado searching for American Alpine plants. Other reports on the findings of this expedition will follow in subsequent issues.

welcome grace and charm into the tiresome sameness of our borders and rock gardens. And he told me of other mountain realms—hundreds of them—that are as yet practically unexplored and in whose remote recesses no man can say just what floral wonders may be hidden.

It was during those delightful, but brief and somewhat desultory journeys that we conceived the idea and outlined tentative plans for a series of really purposeful exploring trips. We agreed that they should be undertaken when there would be ample time for intimate and thorough study of

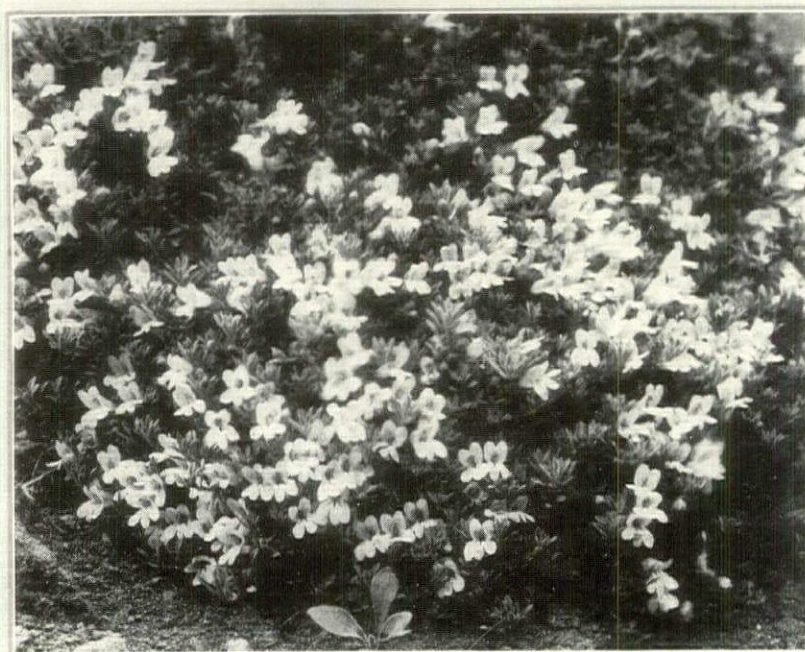


The House & Garden Plant-Stalking Expedition before starting on the day's search from Medicine Bow. D. M. Andrews is second from the left and Herbert Durand is shown at the extreme right



(Above) An Alpine Jacob's Ladder is *Polemonium confertum*, found on Mt. Evans. Its blue blossoms are twice as large as those carried by its Eastern kin.

(Above, left) The glowing *Sedum rhodanthum* is an Alpine member of a family suitable for cultivation in rock gardens. It has crimson, pink-tipped blossoms.



unfamiliar species, for collecting specimens, seeds and bulbs, and for compiling a sort of roster of Alpines which would list the kinds that seem most likely to thrive in gardens, if reasonable regard is paid to their cultural requirements.

On my return to New York the project was discussed fully with the editor of this magazine, who not only gave it his hearty approval, but assured us of very substantial coöperation.

And so it came to pass that on the morning of July 18th, 1927, the HOUSE & GARDEN Plant-Stalking Expedition assembled at the cozy Andrews home on the outskirts of Boulder, ready to begin a series of explorations that during the ensuing seven weeks took us over three-fourths of the State of Colorado and twice into typical and interesting sections of southern Wyoming. On these trips we motored over 2500 miles, reached or crossed the summit of the Continental Divide six times and negotiated seven Alpine passes, all but two of which are above timber line. We were frequently drenched by thunder-storms and pelted with hail. We plowed through snow-banks, splattered through miles of slippery mud, forded swollen streams and detoured washouts and land-

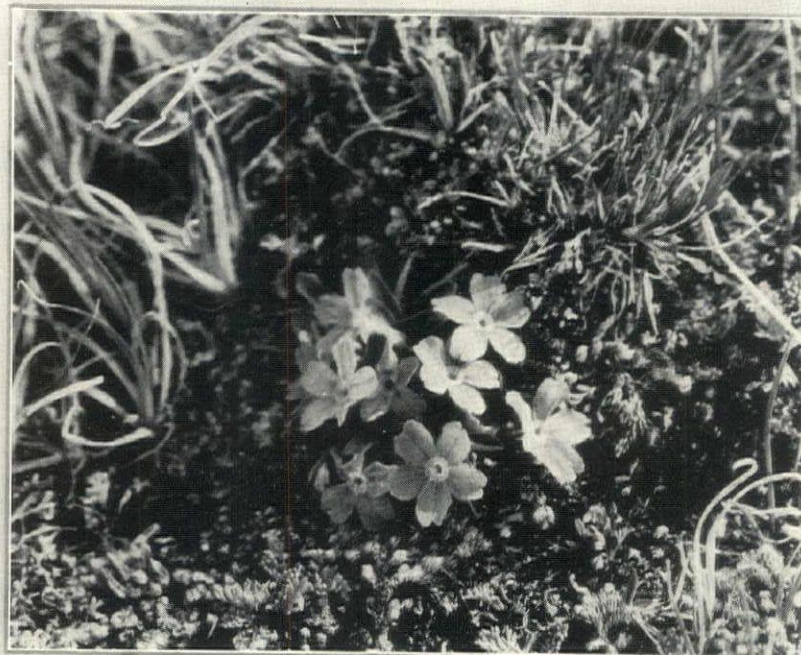
(Left, center) At the 11,000 feet altitude of Arapahoe Pass, an Engelmann Spruce bends down over the ground instead of holding to its usual tall upright posture.

(Left) On the banks of Willow Creek was found this lovely creeping *Pentstemon*, *P. caespitosa*, of graceful form and dainty flower, an ideal rock garden plant.



(Above) At Medicine Bow was found this gem among Troutlilies, *Erythronium grandiflorum*. This plant grows under the Spruces and Firs of the forest

(Above, right) A little plant with a big flower is *Rydbergia grandiflora*, growing Sunflower-like golden orange blooms on stems only four to six inches high



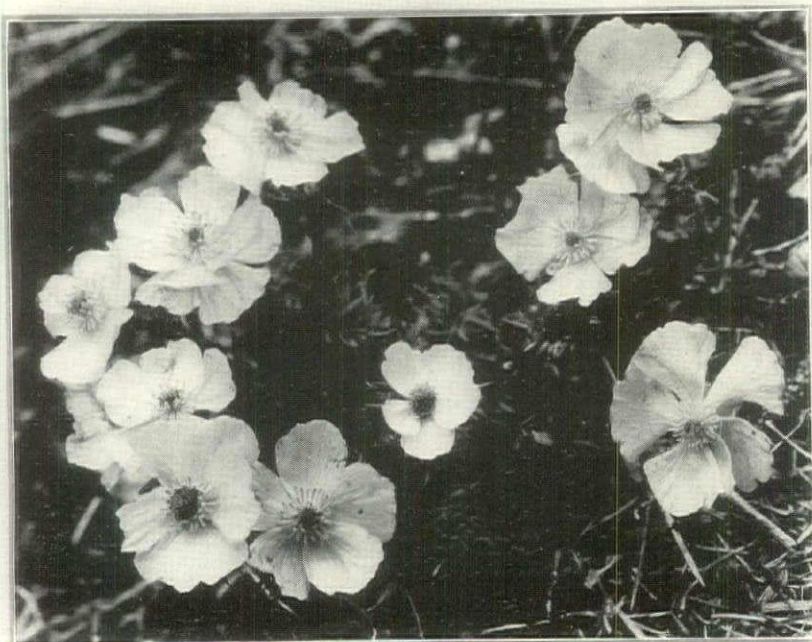
slides. But in spite of these conditions and obstacles we made a glorious and successful summer of it. For we saw and studied hundreds of rare and beautiful plant species, made over one hundred soil tests, collected seeds or specimens of more than six hundred different kinds of wild flowers and took two hundred and fifty excellent photographs.

Besides being Director and Mentor of the expedition and the driver of the car, Mr. Andrews was the official photographer. His proficiency in that most difficult branch of the art, flower photography, is shown by the beauty and clarity of the illustrations in this series of articles.

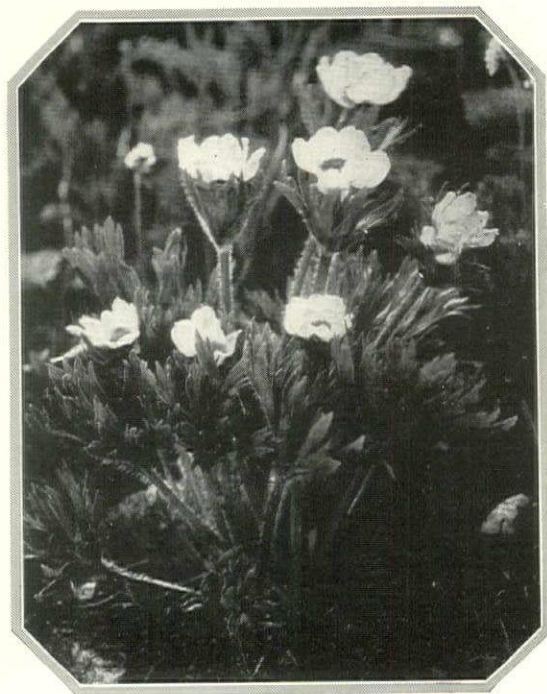
Our equipment consisted of one brand-new five passenger sedan, a very complete and up-to-date photographic outfit, two botanies, a La Motte soil testing set, tools for digging, paper bags and cartons to hold the seeds and specimens, tinned food, coffee, fishing tackle to provide emergency rations, toilet requisites, and plenty of warm clothing for the upper regions. Of course room had to be made on the front seat for the Director-chauffeur and myself, but the rest of the car, both inside and out, was packed, crammed and covered with the necessary dunnage.

(Right) At Summit Lake, which lies in a glacial basin, was this lofiest of the Prim-roses, *Primula angustifolia*, displaying crimson blossoms in a boggy nook

(Right) Though appearing different from the annual *Zinnia* of our gardens this perennial, *Crassina grandiflora*, belongs to the family. Found below La Veta Pass



(Above) The rare Daffodil Anemone, *Anemone zephyra*, supposed to grow only in the Swiss Alps and Jura Mountains of Europe. Found on the top of Milner Pass



(Left, above) The glacier Buttercup, *Ranunculus adoneus*, has flowers that glisten like new twenty-dollar pieces. It enjoys acid soil. Found below Milner Pass



When we climbed into the car that delightful July morning, I hadn't the slightest idea where we were going. Neither had my companion, apparently, for when I ventured to ask what our day's objective was to be, he said, "Well, let's see. There's an unusual species or variety of Polypody in the North St. Vrain: we might go that way to Estes Park and return by Long's Peak and the South St. Vrain. There's any quantity of choice things all the way. Or we might go and see if the Forest Service has finished that new automobile road from Echo Lake to the summit of Mt. Evans. I am sure we can go as far as Summit Lake and there are two kinds of Saxifrage and a wonderful species of Spring Beauty up there that I want to get sometime"

That was the way with all of our trips. There was inevitably a choice of two or three to be discussed every time we started from Boulder; and the objective was never some lofty mountain peak, some Alpine scenery of unusual charm, or even some comfortable hotel in which to spend the night if we should be belated; it was always some particularly fine and rare wildflower, and it made not the slightest bit of difference whether our

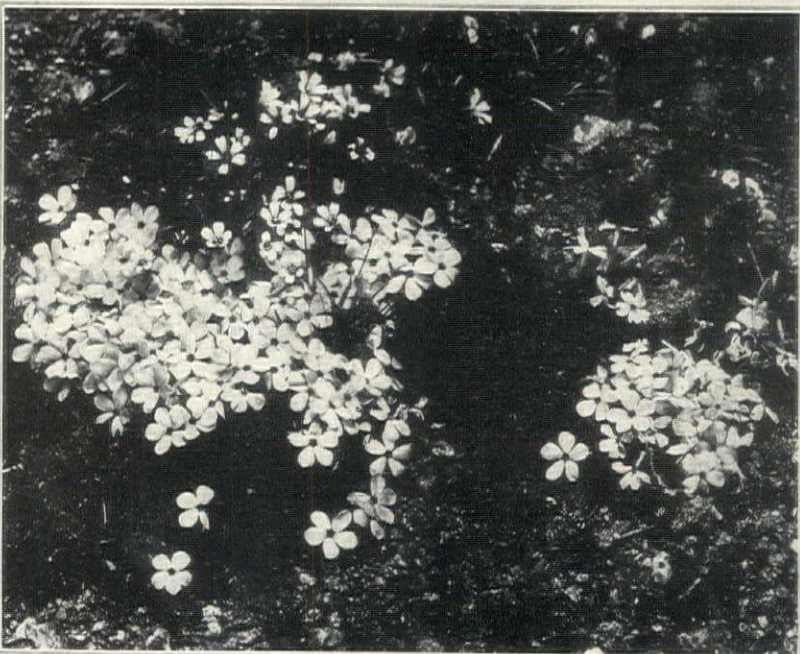
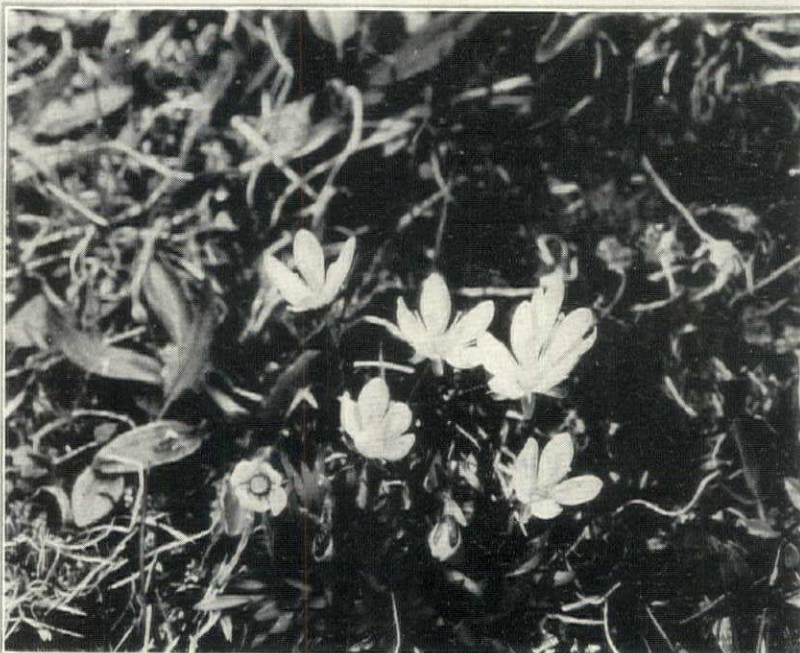
(Left, center) A bit of blue sky lying down between the rocks of Mt. Evans was *Mertensia ovata*, cousin to our Virginian kind and bearing beautiful azure flowers

(Left) The Cushion Pink, *Silene acaulis*, encountered by House & Garden's Plant Exploring Expedition, is related to our own Catchfly of cultivated gardens



(Above) Finer than the Shasta Daisy because it lacks that Daisy's stiff formality is the tall, white *Erigeron elatior*. This one blossomed at Wolf Creek Pass

(Above, right) A Golden-yellow Saxifrage, *S. hirculus*, was encountered in one of the passes and proved a little beauty in the Expedition's Alpine collection



destination was fifty miles away or five hundred.

On this first excursion we finally elected to go to Mt. Evans and stalk the Saxifrages and the Spring Beauties. Mt. Evans is a peak of the Snowy Range, which rises to the lofty height of 13,500 feet. It is now accessible from Denver over an admirable motor highway which climbs for thirty miles up through the Denver Municipal Park to Echo Lake. This charming little mountain tarn is bordered by a dense and almost continuous forest of Engelmann Spruce and Limber Pine, every detail of which is faithfully mirrored in the sapphire water. At the upper end of the lake is a sizable stretch of moist meadow that merges into a peat bog as it nears the shore. Beyond Echo Lake, as the Director surmised, we found that the going was very good over the new Forest Service road as far as Summit Lake.

Like Echo Lake, Summit Lake occupies a glacial basin of moderate area and its waters are replenished by melting snows. It is, however, far above timber line and there are no trees or bushes to relieve the apparent barrenness of its surroundings. On the west there is a chaotic jangle of huge

(Continued on page 154)

(Right, center) The Alpine Springbeauty, *Claytonia megarrhiza*, was found in colonies among the boulders of a swamp at Summit Lake on a midsummer day

(Right) *Phlox condensata*, the pink-flowered Alpine Cushion Phlox, discovered growing on a steep slope, was flowering faithfully amid a hailstorm

AMERICA IN THE WORLD OF GARDENS

*Upon the Coöperation of Amateur, Professional and Press Depends Our
Growth from Gardening Adolescence to Maturity*

ERNEST H. WILSON, V. M. H.

Keeper of the Arnold Arboretum

THAT America is making progress in gardening, no thoughtful person will deny. Looking backward some ten to fifteen years, the change in the attitude of the people towards gardens and garden making is nothing short of remarkable. The spirit is filtering into all ranks, from commuter to millionaire. Much genuine interest is astir and not a little enthusiasm is abroad. It matters little where we live, gardens are springing up around us. Each in his own neighborhood knows of fine gardens which a few years ago were not in existence. Tin cans and rubbish piles are less in evidence around houses now than at any other period in American history. We are beginning to tidy up and make the grounds around the home attractive and restful, and the wealthy among us are beginning to look upon a garden as necessary to the country house. Undoubtedly progress—much progress—is being made.

The art of garden making in America has reached the adolescent stage; it is advancing, but the need of wise counsel is great. In general, we are largely in the imitative stage and have a long road to travel before the creative stage will be properly reached. Not without considerable success, yet a success more occasional than general, we imitate every known type of garden. The Italian, Moorish, Spanish, Dutch, German, French and English styles are all represented here, there, and everywhere in this broad land. But such styles need more than the natural skies of the lands that created them to be real gardens in America. They need the same national character and spirit. A garden must harmonize with its surroundings and with the national life of the people. Indeed, a garden should breathe the very spirit of the country as well as the cultured taste of its owner. It should be a native, not exotic, expression of art, taste and skill.

IF the above be true, why not develop an American type of garden? We have climates of every sort and opportunities beyond the dreams of genius. We have but to think of the climates of Oregon, California, Arizona, Florida, and of the mountainous section of eastern North America to realize the varied types of gardens we could evolve. We have plant material in excessive abundance, did we not look beyond our own flora. In Europe the plants of the eastern United States more than one hundred years ago earned by their distinctive characters and garden value the title of "American Plants." Think of the brilliant flowers of Texas and the Rocky Mountains, of the wondrous Cacti and other succulents of Arizona and New Mexico. Think of the plants of California and of the splendid trees of the Northwest. Why not use this material freely, combining with it the most suitable of that from other lands, and surround ourselves with a natural and national type of garden? I know of one such on Long Island and here and there another which approximates to this ideal. In time a national type of American garden will develop and when it does

we shall have approached manhood in the art of garden making.

I am far from disparaging the value of the types of gardens developed in other lands, and here and there in this country they can be indulged in, but, like the peoples from which we have borrowed, we, too, should give expression of our national feeling and outlook on life in our gardens. It will come. Time only is needed. It will come all the sooner if we realize its importance and develop the necessary leadership.

NOW, there are four elemental forces—the amateur, the professional gardener, the nurseryman, the garden press—on the mutual coöperation of which successful gardening is based. Let us pass them in review.

First, the amateur, an ever-increasing body on which the leadership of garden art ultimately depends. No one will deny that not only is this body more numerous, more influential than ever before in the history of American gardens, but also that it is beginning to exert its proper influence.

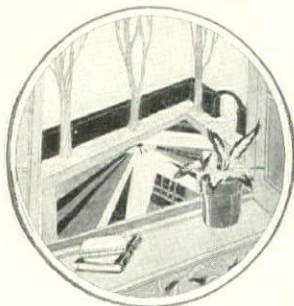
Of professional gardeners the ranks are not so well filled as formerly and there is a distinct need for large increase of such men. The American youth appears not to take kindly to the art of gardening and we no longer are receiving gardeners from Europe as in days gone by.

Among nurserymen, the third elemental force, there is a real awakening to the need of greater variety in garden material. All over the country nurserymen are beginning to take keen interest in the newer and better introductions, exerting themselves to obtain propagating material so as to be in position to supply the progressive amateur's demand.

The press, the fourth elemental force, is woefully insufficient. We have excellent monthly magazines, but the garden spirit of America cannot be nourished properly on a monthly diet. So far as my memory serves there is but one amateur's paper which is published oftener than once a month. No paper can be made to pay on subject matter alone and there would appear to be insufficient advertising in the nursery business to keep a purely gardening paper going on a weekly basis. Time will probably remedy this, and as the number of gardens increases so will the demand for material, and nurserymen will be in a financial position that is better able to support a press from which they will largely draw sustenance.

Aiding in the development of gardens are arboreta, botanical gardens, horticultural exhibitions and horticultural societies. Of the first two there are woefully few in this country, but, fortunately, their need is beginning to be appreciated and in time their number must increase. Exhibitions are growing more numerous year by year, thanks largely to the different garden clubs, in which women play the leading part. The more exhibitions we have up and

(Continued on page 182)





Wilson

WHEN JUNE COMES INTO THE GARDEN

In that lush season when the tide of spring has welled upward to summer's foreland the blue spires of the Delphiniums cap the garden's skyline. To them, then, come the hummingbird sprites, ruby-throated and swift of flight, to poise on hazy wings before each nectared blossom



Oftentimes there is enough desirable native plant material already established to furnish the woodland acceptably. In such a setting the broad, grassed walk looks especially well.

DEVELOPING THE WOODLOT LANDSCAPE

*Definite Suggestions Which Will Help to Bring Out the Full Beauty
Latent in Every Piece of Woods*

HENRY B. RAYMORE

IN the days of the Grand Monarch, when landscape gardening in France was at its height, the woodland formed an important element in the picture. With its tall, heavy mass and dense shadows it acted admirably as a foil for the sunny openness of the great parterre and terraces. In eastern America, where woodlands have always been too common an occurrence to cause comment, we have neglected to use them as often as we might. Where they happen to exist on a place they are usually left just as they are, and the possibilities of their development as an integral part of the whole landscape treatment are seldom realized. Are we not missing something of value by this continued indifference?

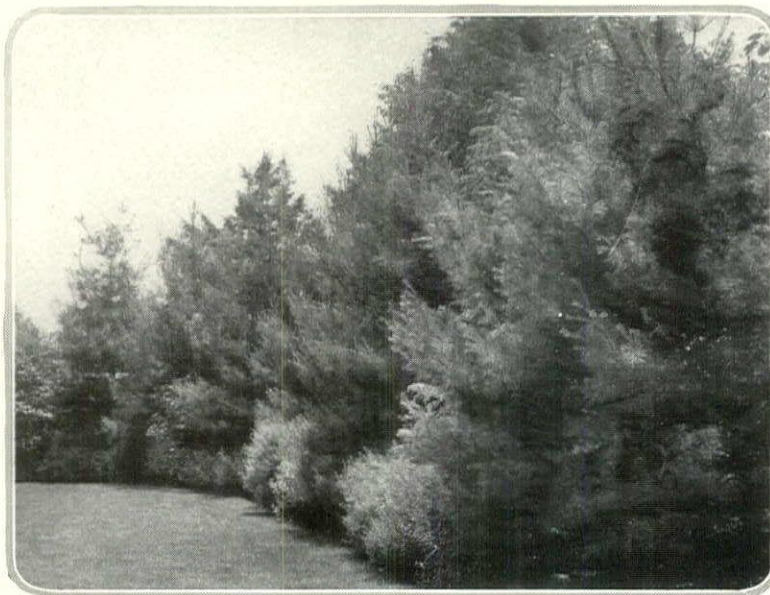
Perhaps one reason why we have not made more of our opportunities along these lines is that we do not know just what to do, and so hesitate to tamper with something of passing beauty lest we destroy it entirely. However, even if this is the case, the woods are

there and it is up to us to understand and interpret them in terms of landscape gardening. Many of our suburban developments are set in lovely wooded places, and even the owner of a modest place has an opportunity to make his home more attractive by proper attention to its woodland surroundings. However small a plot, it can, by careful thought and intelligent work,

be made into a place of sylvan charm.

In dealing with woodland as a part of the landscape picture we usually have either one of two conditions to deal with. We may have the situation where an acre or more of the property is entirely wooded, or we may have, in the case of the small sylvan development, the situation where the house is located in a grove or coppice, which occupies most or all of the plot. Let us discuss the former condition first of all.

It can be laid down as a pretty general principle that the woodland we are contemplating developing is in a very bad condition. This seems to be true in all parts of the country where the character of the community has changed from that of a rural or farming population to that of es-
(Continued on page 194)



Where the general character of the woodland suggests it, evergreens of medium height can well be used to rim the edges of fields or other open spaces.

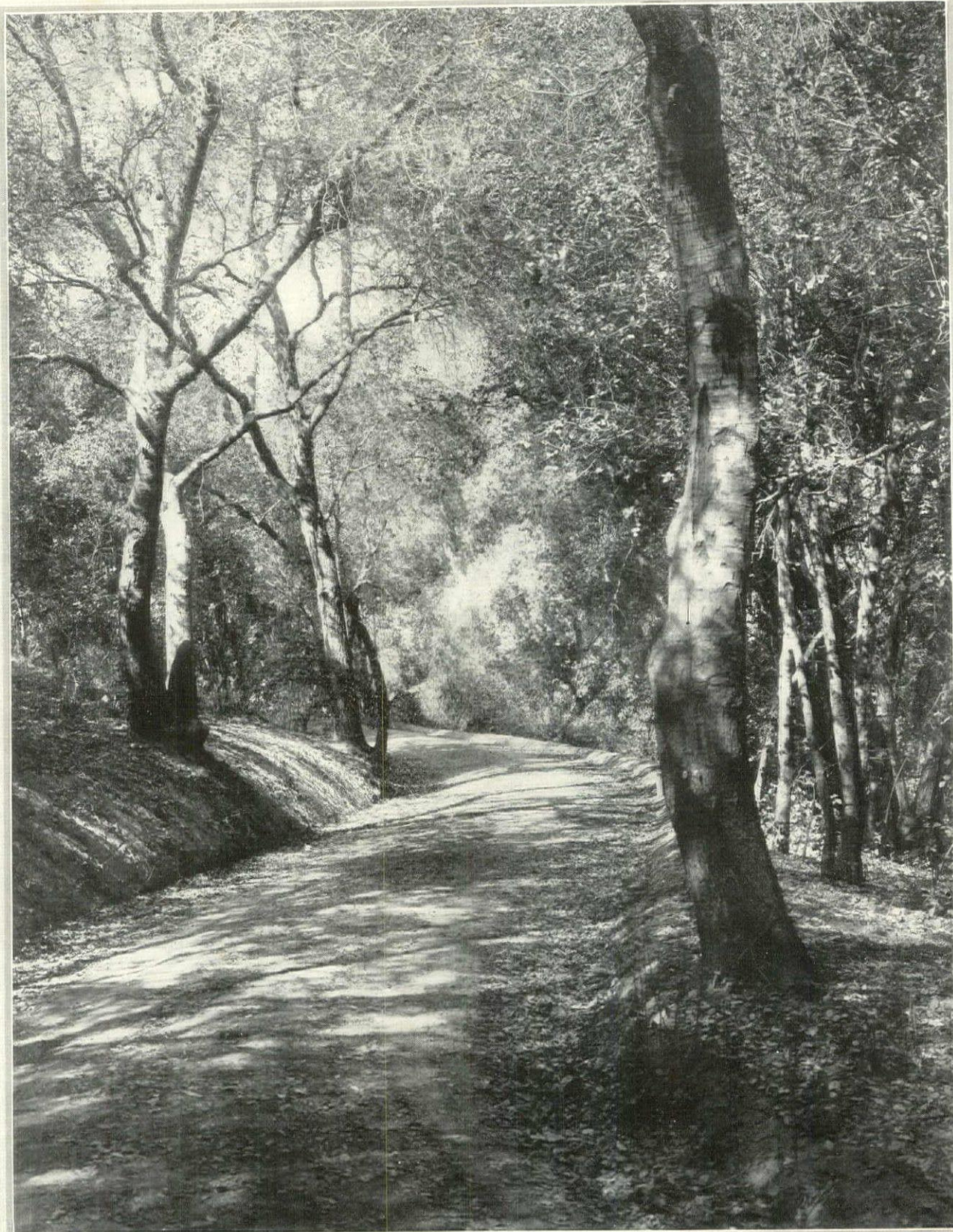


Healy

(Top) Excellent use has been made of the many large Oaks and other forest trees on the grounds of Edgar W. Bassick at Bridgeport, Conn. Their inherent dignity is enhanced, in spring-time, by vast shoals of Narcissi

(Center) Here and there an under-planting of Rhododendrons has been bordered with a ribbon of Poet's Narcissus, the snow-white blossoms forming a pleasant contrast with the dark, lustrous green of shrubs

The Bassick woodland presented desirable features which were preserved when the clearing out and new planting were being done. As a result, it remains pleasantly naturalistic. Marian C. Coffin, landscape architect



WHERE THE FOREST FRAMES THE WAY

That trail or driveway is the most alluring whose course winds among the trees of a well-kept wood. Here is the restfulness of the forest without its disorder, a sort of regulated naturalism that satisfies the esthetic as well as the practical senses

HOW TO RAISE YOUR OWN IRIS

The Growing of New Varieties From Seed Is a Fascinating

Field for Experiment and Discovery

SUSAN TYNG HOMANS

THERE is a regular routine usually followed by those who truly claim the rainbow flower as their chosen garden favorite. First a gift from a friend's garden—or perhaps we have seen it in his garden, coveted it, asked where it was procured and sent for it. Then the glamour of this flower takes possession and the spell of the Iris begins to work.

Florentina and *flavissima* were my first acquisitions, obtained in exchange for Lemon Daylilies and yellow Roses. In the next bulb catalog received were listed Her Majesty, pink, and Mrs. H. Darwin, white. A pink and a white Iris sounded wonderful and I sent for them, all the way to Holland.

After the beginning, one keeps one's eyes open and new varieties and their names and the names of their originators register with no uncertain mark. Then in the sunny days of June, when the tall bearded Iris is at its best, we wander from Iris garden to Iris garden, noting the color, the carrying quality, the height and the form of each flower, and our appreciation and critical sense quickens. Our specimens multiply, our borders are enlarged, and we begin to wonder which erstwhile favorite may be eliminated to give place to our now absorbing interest. We search the lists, we send far and wide for catalogs. Perhaps we import Europe's most expensive creations and with justifiable pride we view the result of all our efforts.

SEARCHING FOR SPECIES

Then we begin to seek the species; the history of the Iris interests us, the habitat, the range and the varieties. We struggle over growing the *Oncocyclus*, the *Regelias*, the *Junos*. Again a host whose lairs are searched to the uttermost ends of the earth.

Now with joy we view *Lorteti* and *Hoo-giana*, and our eyes turn with pride to *Susiana*, brought to flower with so much effort. One would think that we could rest content with our possessions, but there is a spirit of unrest, a spirit of adventure in the gardener's heart; we never can be satisfied. After all, if we could be satisfied we would be satiated, and that is fatal.

Finally we decide to start on our career as a breeder. We choose the most meritorious varieties for our crosses. *Alcazar* crossed with *Magnifica* might give us something rather fine. Well—it turns out a pink *plicata* or something equally foreign to the

colors and shading found in its parents.

Some of those wise in Iris lore have told us that the crosses which the bees have given us are worthless—that we must plan and do the work ourselves. And yet when a skillful breeder shows us a beautiful seedling, bearing no possible resemblance in color, form or class to the specimens claimed as parents, we wonder how much really the mind of man is superior to that of his humbler fellow worker, how much science really is responsible for results. Still it is a game, one of the finest games in the world, with all the chances for success or failure, and this is how we go about it.

THE PRINCIPAL PARTS

The Iris flower is divided up into various parts quite different in arrangement from those of our better-known flowers. The Buttercup, Rose, Apple-blossom and Daisy are so fashioned that they can be fertilized by the wind or by any one of the many marauding insects which come to sup or dine. The pistil, with the stigma, is in the center and the surrounding stamens can shake the pollen over it, with the resulting scores of seedlings—all, excluding the rare exception, exactly like the parent. *Columbine*, *Foxglove* and *Delphinium* have their pistil and stamens more hidden from the curious eye and we have often watched the blundering bumblebee tumbling out of some of these blossoms, taking with him the pollen for his next stopping place, having left behind him a goodly amount as a sort of toll for his call.

But the Iris flower is arranged according to the rule of three; three upstanding petals, or standards; three downhanging petals, or falls; three style branches, and three stamens. The stamens are hidden away under the style branches, lying back flat against them. If the style branch is lifted up they can be seen pressed quite close against the top. The style branch has a more or less fringed end which turns back from the falls towards the center of the flower and is called the crest. Just below this curving of the crest will be noticed a small appendage like a lip. It is between this lip and the crest that the pollen must be deposited, for this is the stigma. It seems well arranged for fertilization by the bees, for as a bee crawls in between the falls and the style branch he must rub the pollen from the ripened anther on to his back.

Backing out, as he usually does, he closes the stigma of that division so no pollen is deposited, but in the next division he enters—of whatever Iris—he rubs off the pollen onto the stigma as he goes in, and after he has crawled below the stigma he collects more pollen from the stamen to give to the next flower he visits.

The bees are sometimes not quite honest after all, for often one watches them steal a march on a flower and plunder the honey cell without leaving one atom of pollen as payment. In the *Columbine* they have a great way of piercing the sacs from the outside, thus securing the honey without touching either stamen or pistil. With the Iris they often crawl in between the style branch and the haft, attain the object of their visit and fly away. It is an easy thing for them to do this with the *Iris sibirica*, for the style branch is raised conspicuously above the falls, but I would like to see some fat bumblebee trying to effect an entrance on the haft of *Dorothea Williamson*. I have often watched the honeybee following the gold band on *Dorothea's* petals and pushing up the style branch with some little effort. He must rub pretty hard against the stigma as he goes in, and against the stamen as he backs out, for there is little room to spare. *Dorothea* goes to seed very easily and so one may suppose that any and every insect seeking her store of sweets must acknowledge his indebtedness and pay his dinner bill quite honestly.

FOND HOPES

Even although, with all our planning, the seedling plants may often bear little resemblance to either parent, still when we do set out to raise new varieties for our garden, in the fond hope that some day we may happen to produce a novelty so outstanding in merit that our name and the name of our creation may both occupy a high position in the Iris hall of fame, we should set about our new work with some sort of system. Records should be kept of the two parents and the result of our labors should be protected as much as possible from being interfered with by the insects. Really, the only sensible way to go about it, is to have some definite idea in mind as to what we desire to accomplish.

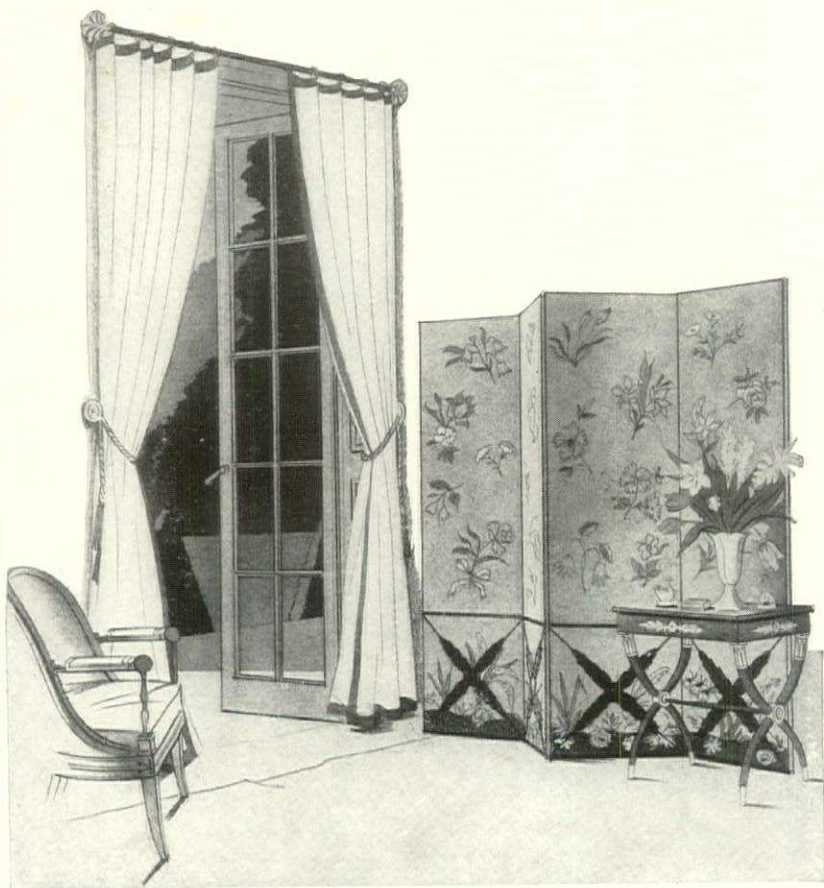
Some breeders are seeking a perfect yellow, not only in shade, but also in form

(Continued on page 168)

SCREENS IN FIVE VARIATIONS

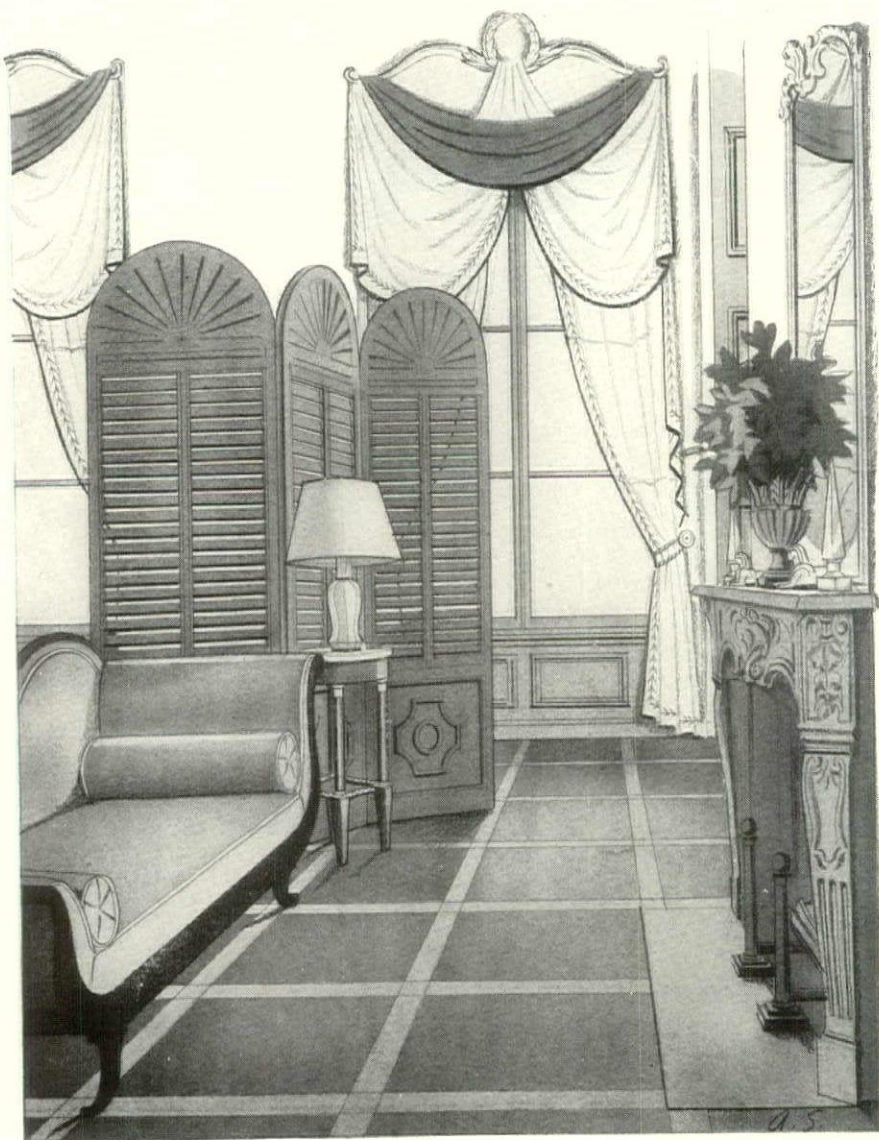
FLOWER PRINTS

On the background of a plain paper whose color is chosen to suit the scheme of the room are pasted cut-out flower prints from 18th or 19th Century floral books. The lower part is painted in a way to suggest an iron gallery or balcony. With this gay screen furniture of the 18th Century is used



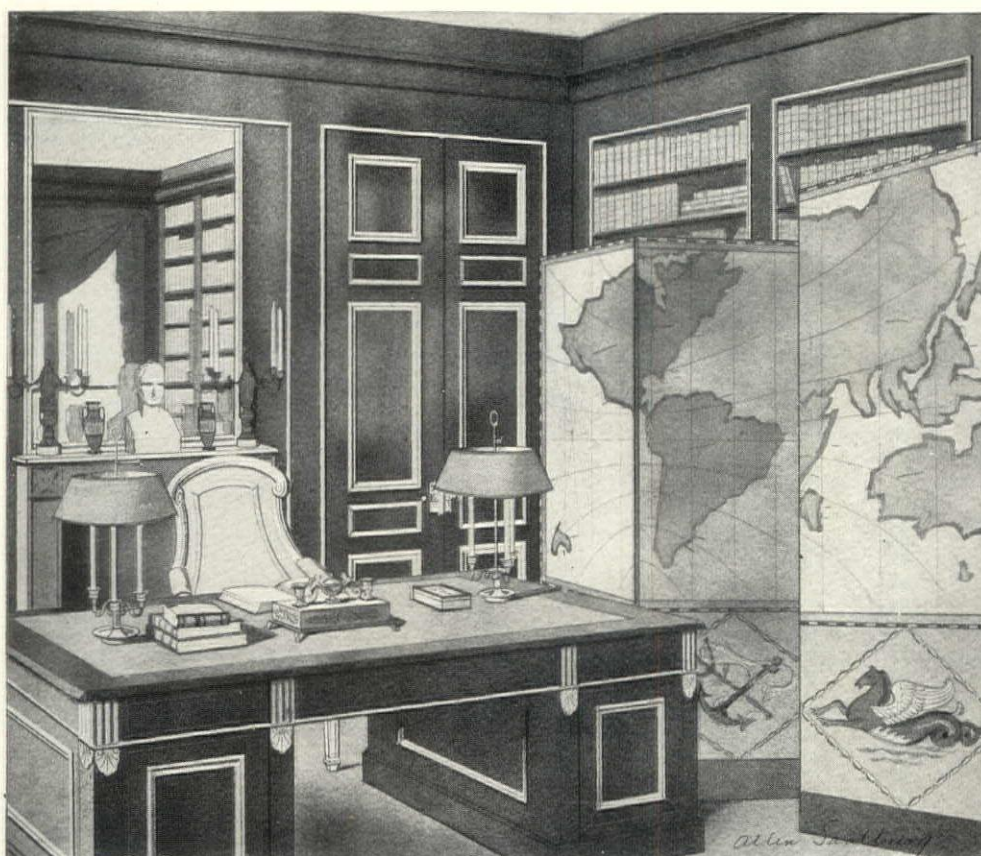
KAKIMONO

From Japan come Kakimono, or scroll pictures, with which the walls of houses are enriched. Their shape suggests them for a screen. And here, for the dining room of the home of C. M. Tuttle of Chicago, three of them serve that purpose, set in a lacquer frame with gilded moldings. The walls have other Japanese decorations. Marian Gheen was the decorator



SHUTTERS AND FANLIGHTS

Stationary shutters and fanlights are combined here to make a three-fold screen, which any skillful country carpenter could achieve. Paint it to suit the color of the room and use American Empire or other Victorian furniture. Curtains may be of white linen with red embroidery edgings and blue drapery above. These screens were designed by H. G. Erwin, decorator



MAPS

Modern maps combined and mounted above a dado of nautical cartoons and symbols are appropriate for a man's room. These maps can be found at reasonable prices. Screen should be shellacked. Designed by H. Erwin

PAINTINGS

In 18th Century France the painted canvas screen found popularity and in the revival of that taste today it is again finding favor. The screen can also be made by pasting wall paper panels over the canvas. Mrs. Buel, decorator



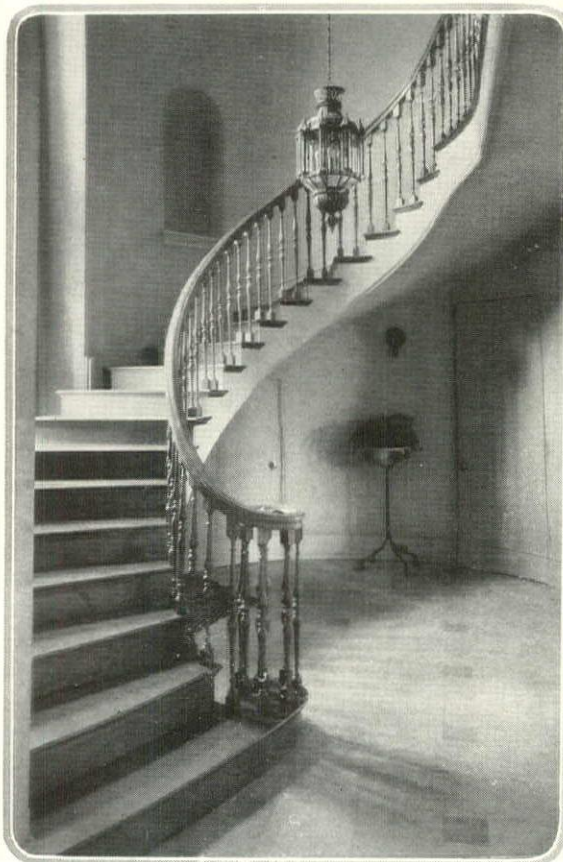
A pleasant contrast is achieved by having the hand-rail and stair treads in a dark tone, and the other details of the stairway white. In the Kansas City, Missouri, home of Dr. Elmer Twymans, Clarence E. Shepard, architect



Tebbs & Knell

In the home of Henry Tompkins at Atlanta, Georgia, an entrance opens upon a landing, enabling one to go directly either to first or second floor. Hentz, Adler & Schutze, architects

(Below) Two landings make for ease of ascent by breaking the climb into three stages. Unless a hall is quite large, such a stairway appears better than a straight one. Mr. I. Stern's Philadelphia home, Edwards & Hoffman, architects



Wallace

(Left) Of all types of stairs, the circular is probably most interesting. This stair in the C. Fennel Hoffman residence at Radnor, Penn., is a splendid example. Edwards & Hoffman, architects





THE STAIRWAY AS A FEATURE

*An Appropriate Stairway Contributes to Both the Architectural
And Decorative Schemes of an Interior*

GEORGE S. CAREW

CHARACTER as well as scale of a room is determined and established—according to the teachings of architecture—by its chimneypiece or mantel, which, theoretically at any rate, dominates the room. But even more, perhaps, is done for the entire average house by its stairway, for in addition to usually forming the chief architectural feature of the interior it occupies as a rule the most conspicuous position in the building; it is likely to be placed in the hall, where it is the first thing one sees on entering and the last on leaving the house, while its constant use is sure to keep the stairway always in one's view.

In England and countries which

Simple, artfully modeled lines dominate in the stair above. Residence of Col. Sam Tate, Tate, Georgia. Walker & Weeks, architects; Porter & Porter, decorators



Harting

have long been within England's sphere of influence, the stairway came into its own during the days of Elizabeth and James I. Not that it was unknown before, of course, since it has belonged to all ages, but before the time of the Renaissance the stairway had always been regarded as being strictly utilitarian; its entire function was thought to be fulfilled when it afforded means of passing from one floor to another, and its position was obscure though convenient. It remained for the architects of the Renaissance to see the architectural and decorative possibilities of the stairway and to develop its design. The time covered by the reigns of
(Continued on page 138)

The stairway in a house at Locust Valley, L. I., was designed to correspond with Early American interiors. The home of William Jay Robinson. Jane Teller, decorator

MARBLE COMES FORWARD AGAIN

*The Uses and Care of a Decorative Stone That Is Now Attracting
The Attention of Discriminating Home Owners*

ETHEL R. PEYSER

MARBLE has been a regal member of society since the days of the Ancients. In Byzantine art, we see it in black, yellow, gray and white, and it still glorifies St. Sophia, that house of prayer of polyglot cultures. Before that, we see Athens writing in Pentellic and Parian marble her ineradicable autograph; and Rome, doing always what the Greeks did, also followed the marble traditions.

Marble, then, has reigned supreme in building and sculpture throughout the ages. In fact, if most of the Pre-Roman architecture had not been of marble, we would have inherited far less of the history and monuments of the past, for almost every other material in which history was recorded has decayed or disintegrated.

Up to the "Mauve Decade" marble was a constant companion in the homes of the almost poor as well as the very rich. Then, for a time, it took a more remote place in the family circle due to various and sundry building and home furnishing problems dependent on availability, purse power, necessity for rapid and cheaper building, and the substitution for marble of vitreous products like porcelain and its valued confrères. But during the last ten years marble has again lifted its noble face to add luster to the home, even as does fine linen. And the changes on the face of life have gained in marble a new supremacy in and out of the house, in chamber, hall and garden.

We remember people, a few years ago, turning up their noses at marble "wash stands," the very people who in their youth had laved their hands at marble wash stands and bedecked themselves before marble topped dressers. Now, it is most fashionable for those who can afford it to have marble wherever marble is practical and will gracefully adorn and heighten beauty.

IN THE HOME

The marble staircases in some homes give a finish which no substitute for marble could possibly provide. Furthermore, in the matter of combining tapestries and ornament, it is the one material that allows the accessories to function and is satisfied to remain a cool, unemotional background. Marble imparts quiet and solidity. It is difficult to stand on marble for hours at a time, but the rug on a marble floor obviates such fatigue where there are no working areas such as in a kitchen floor or laundry.

It is not necessary for flavor, to have a

marble hall where such a thing would be an ineptitude. A small surface of marble in the appropriate place will set off an area as a simple, but elegant jewel sets off a gown.

A radiator covered on the top by a marble slab gives a convenient surface for an ornament or jardinière and obviates the ugliness of this usually unbeautiful essential. Here one gets an unwarpable, solid and beautiful effect, where before there was a lack of dignity and a cacophonous space in our otherwise harmonious room or hall. The marble fireplace is too well acknowledged to need eulogy here.

One very useful thing for the kitchen is the table topped with heavy marble to withstand onslaughts if used for general utility purposes. The pastry table with marble top makes crust insurance possible, for its coolness keeps the paste in proper condition for a flaky consummation.

FOR THE BATH

The bathroom, of course, can be completely of marble from lavatory and tubs to floors and walls. Some of the sunken marble tubs in the luxurious gold, crystal and silver garnished bathrooms are, of course, too regal for general use. Yet a bathroom need not be either extravagant or regal to afford one or two "spots" of marble to give it distinction.

As trim for the house, such as window trim, frame and sill, marble adds a royal garnish. It can be combined with many varieties of building materials in very satisfactory ways. Marble need not be ghostly or forbidding, for it comes in various grains and tones to which a smooth warmth can be imparted where it is necessary.

In many gardens today pools are built of marble, where beauty is desirable and enduring beauty and wear essential. The Greeks did not mind marble mellowing in tone, so why should we? The ancient marble gained from submission to sun and air, yet we moderns do not take kindly to the patina of time, which in itself is certainly a rich record of household stability and is distinctly lovely in tone.

The bird-bath of marble in a garden adds a very human note to a design composed in the least complex of keys. When the water adds a patina it seems to us to add beauty. It is decidedly not ready for scouring.

The fact that there is a certain wear to marble in the course of decades gives it beauty. The door threshold that is worn

by the constant tread of feet going and coming is a tacit record of the activity of the home descending from generation to generation. Too much stress is put on things which never show signs of use. What would a face be worth without its lines of experience? Not too many—but some, of course!

The sun dial in marble, a heritage from the past, infuses a garden or even a small court or yard with a stately quietude that no one other thing can provide. Certainly not a clock, whose very activity spells restlessness and movement. Let the distant sun seem to move as the earth rotates, but let us have the marble sun dials, differing from one and another in their different varieties of stone, color and grain.

Should the garden be formal and sufficiently large to be punctuated somewhere by an orangerie, the fittings of this structure are fittingly of marble. In fact, the garden of formal type is poor indeed without its fair quota of marble.

Marble bits for stepping stones, between which the grass is allowed to grow, make rather a romantic foot path.

Marble faced and rimmed swimming pools are, of course, very beautiful and not only add stability but great richness. Marble benches, too, add a Roman flavor to swimming pools that nothing else can give.

Lotus beds and water plant pools can be in no lovelier or more appropriate setting than marble. We know of some marble pools wherein goldfish dart back and forth. Such grottos and pools are comforting in these days of mechanistic travail.

THE CARE OF MARBLE

The following advice of experts will serve to assist in the care of marble:

Polished interior marble should be cleaned weekly, or at least once each month. Grease, dirt and dust will collect on the surface and if not removed will result in a cloudy film and cause discoloration. Water alone will not remove this accumulation. It is necessary to use a mild alkali in the water to remove the film and prevent this discoloration. There is a particular cleanser now to be had which contains no grease product, lye or other corrosive fillers; it rinses freely and does not leave a greasy or slippery film to catch and hold the dirt. One heaping tablespoon of this cleanser to a pail of lukewarm water will clean the surface effectively without injury to the

(Continued on page 150)

A LITTLE PORTFOLIO *of* ROOF GARDENS



Hewitt

The roof garden has become a fashionable adjunct to the New York apartment and to it our decorators are turning their hand. This glimpse shows a view of the living roof of William F. Cutler. Against the light turquoise walls grow modernist wrought iron trees on which hang orange-colored melons for lights. Nancy McClelland, Inc., decorator



Gottcho

Off the apartment of J. Allen Haines the terrace is enclosed with a dark green lattice. Flower boxes range along the parapet. Fountains and pedestals are of cast stone. A pale green awning is painted with exotic plants. Butler and Corse, architects

Another view of the Cutler living room reveals a skyscraper fountain made of stepped-off glass tubes filled with orange dye. Concealed lights in the base play on these and jets of water spray over them. Decorations are by Nancy McClelland, Inc.

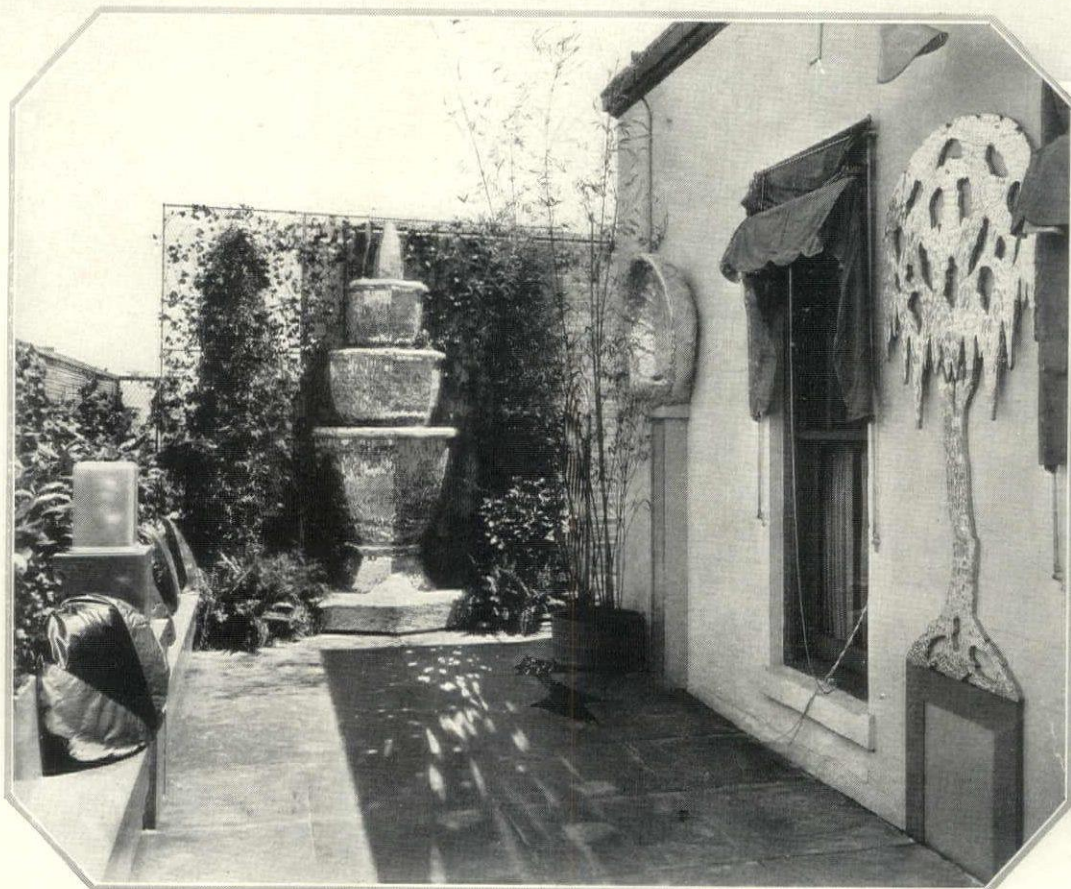
Hewitt



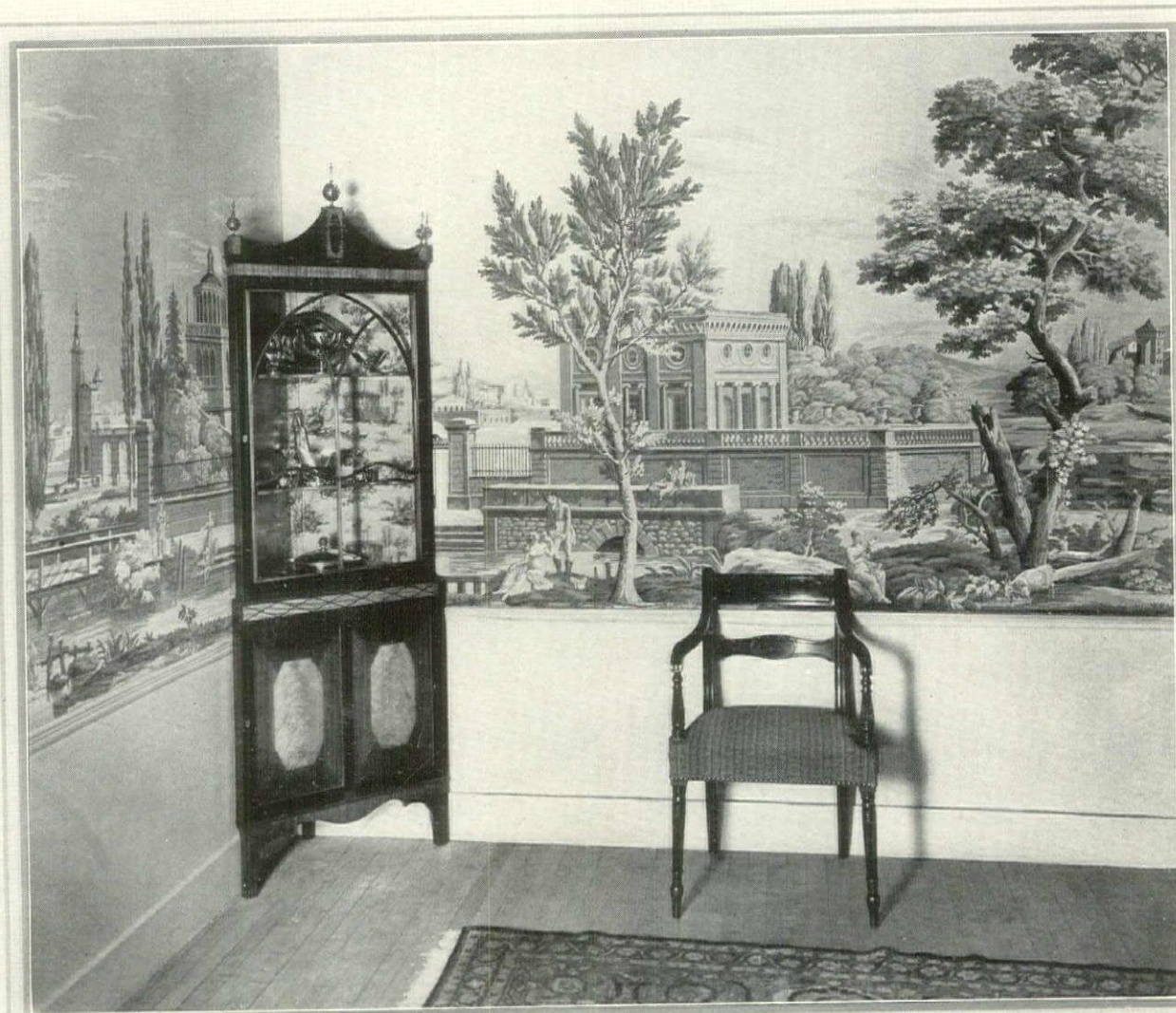
Gottsch

The treillage of the Haines roof garden in New York forms a decorative niche in which is set a garden figure. It will be banked with flowering plants in summer. Along the wall are old cast-iron firebacks. The decorations are by Mrs. Haines

An outdoor ballroom in the Cutler apartment has a black glass floor and along the wall are silver painted benches broken by illuminated blocks representing ice. The cascade, shells and trees on the wall are of mirror mosaic. McClelland, decorator

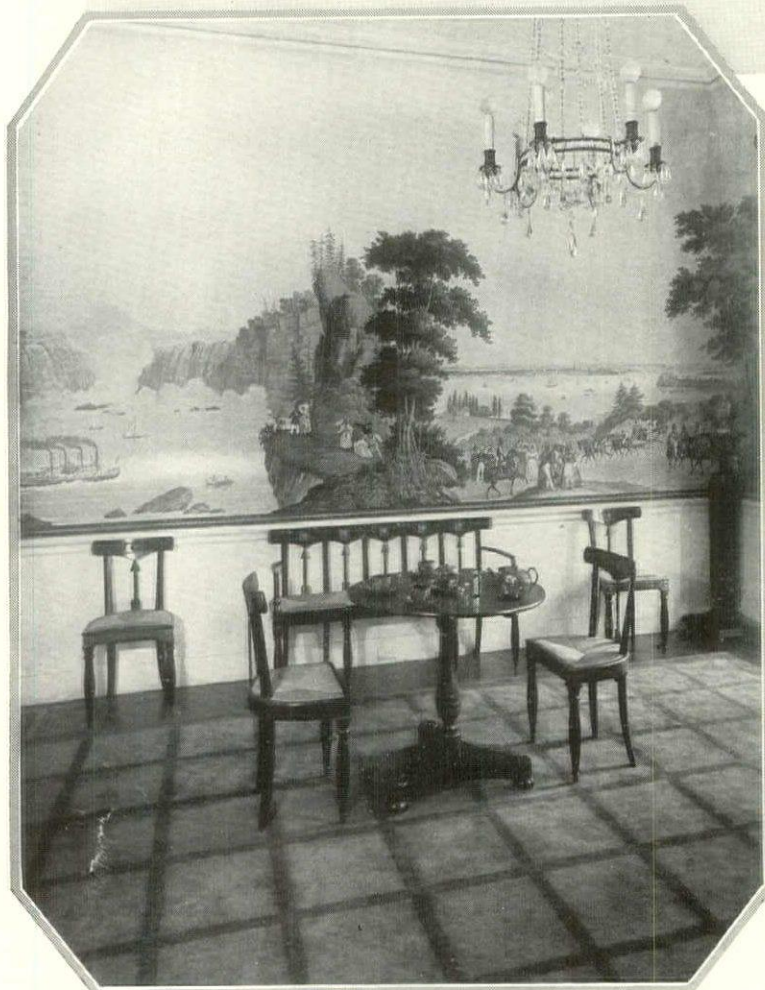


Hewitt



Hewitt

On an old screen was found the original of this paper, showing Italian scenes, and reproduced in soft gray tones and in sepia. It is thirty-three feet long and six feet high, and should be hung above a dado. John J. Morrow



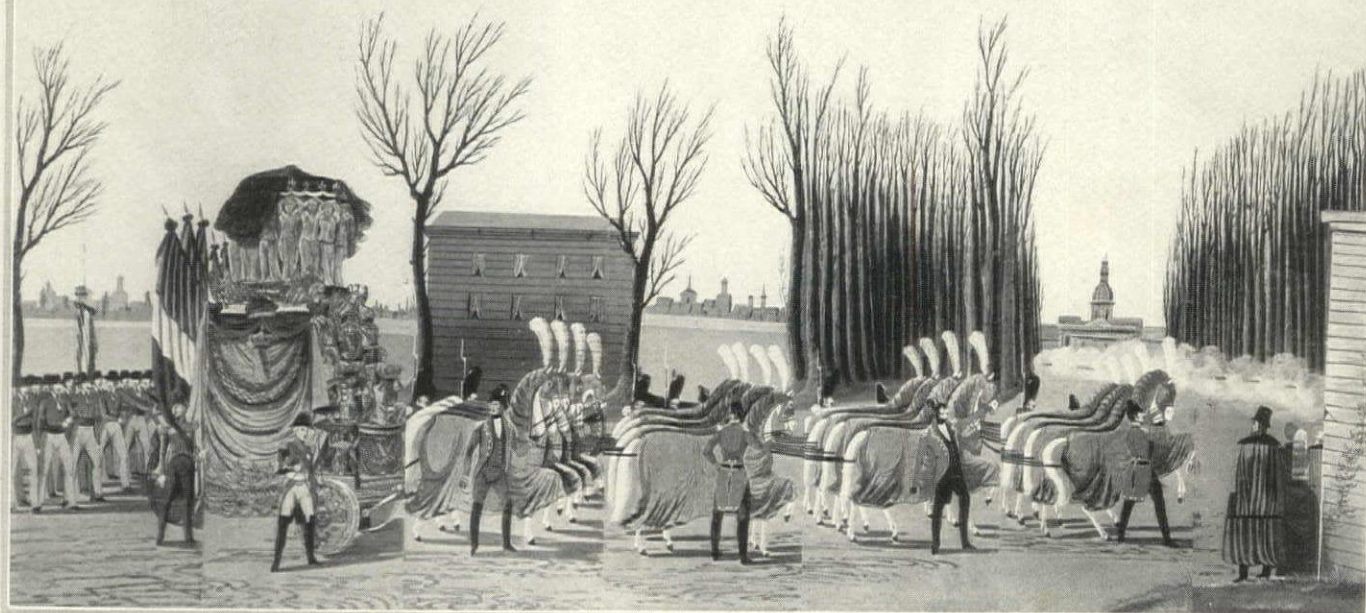
Duryea



Harting

Scenic America, a famous old paper, is used in the music room of Alfred E. Hamill, at Lake Forest, Ill. It is finished with a paper border. David Adler and Robert Work, architects

The French in Egypt, by Dufour about 1814, shows in its main panel the victory of the French over the Turks in the Battle of Mataria. Here it is used with wood paneling. Wanamaker



Duryea

Among the fascinating storied French papers is the funeral given Napoleon. Its panels show the progress of the body from St. Helena to the Invalides in Paris. The colors are brilliant reds and blues, with natural sky and trees. Tate & Hall

WALLS COVERED IN STORIED PAPER

THE revival of the old French scenic papers—originally made by Zuber, Dufour and Zipelius and Ehrmann—has brought a lively interest to rooms. They give to walls some of the picture and story quality that old tapestries once gave to castle walls. Used either as panels set in molding frames or used as complete coverings of walls above a dado, they afforded an animated, colorful, continually interesting background against which to place furniture of the period.

(Continued on page 132)

As used in this room the Napoleon funeral paper is set in large panels framed with a very simple molding. Directoire and Provincial French furniture has been used with it. The rug is a figured Aubusson. Tate & Hall, decorators





Near the Anemone's flower head are small leaves. If these are daily placed under water after the stalks are cut for the house the stems will last much better and longer



One of the St. Brigid Anemones as it appeared in the first month of bloom from a tuber. There were sixteen large flowers on this single plant



Many lovely shades have been developed in the new strain of Anemone. The color of the flower shown here is American Beauty red that tinges to a pale coral

SOMETHING NEW IN GARDEN ANEMONES

To Their Natural Loveliness the St. Brigid Anemones Have Added Greater Hardiness and a New Range of Forms

ANDERSON McCULLY

BELOVED as the St. Brigid Anemones always have been by those who grow them, a new strain has recently been developed that vastly increases their usefulness and their loveliness. It is true that light winter protection will still be needed in the vicinity of New York and Boston, and blooms of a white Christmas must see their opening under glass, yet little heat is needed for this, and with the first melting of the snow the outdoor plants spring into flower. These blossoms of the melting snows touch a responsive chord in the heart that is hidden to the later gorgeousness of full summer.

In the course of their evolution, St. Brigid Anemones have been quietly taking unto themselves the tones and shadings of the lordly Orchid; but in assuming this delicate beauty, they have fortunately not also

In form as well as color the new strains offer great variety. Some of the types are extremely double. This one is salmon pink in color and very well formed



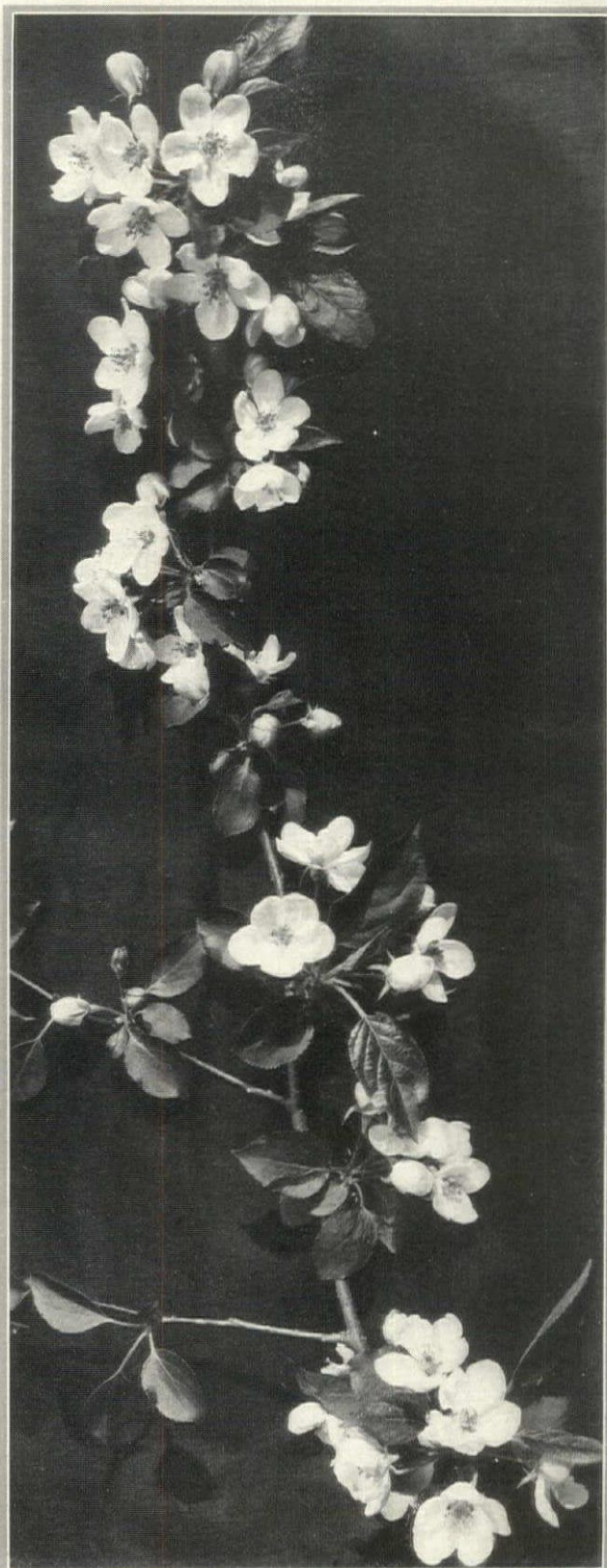
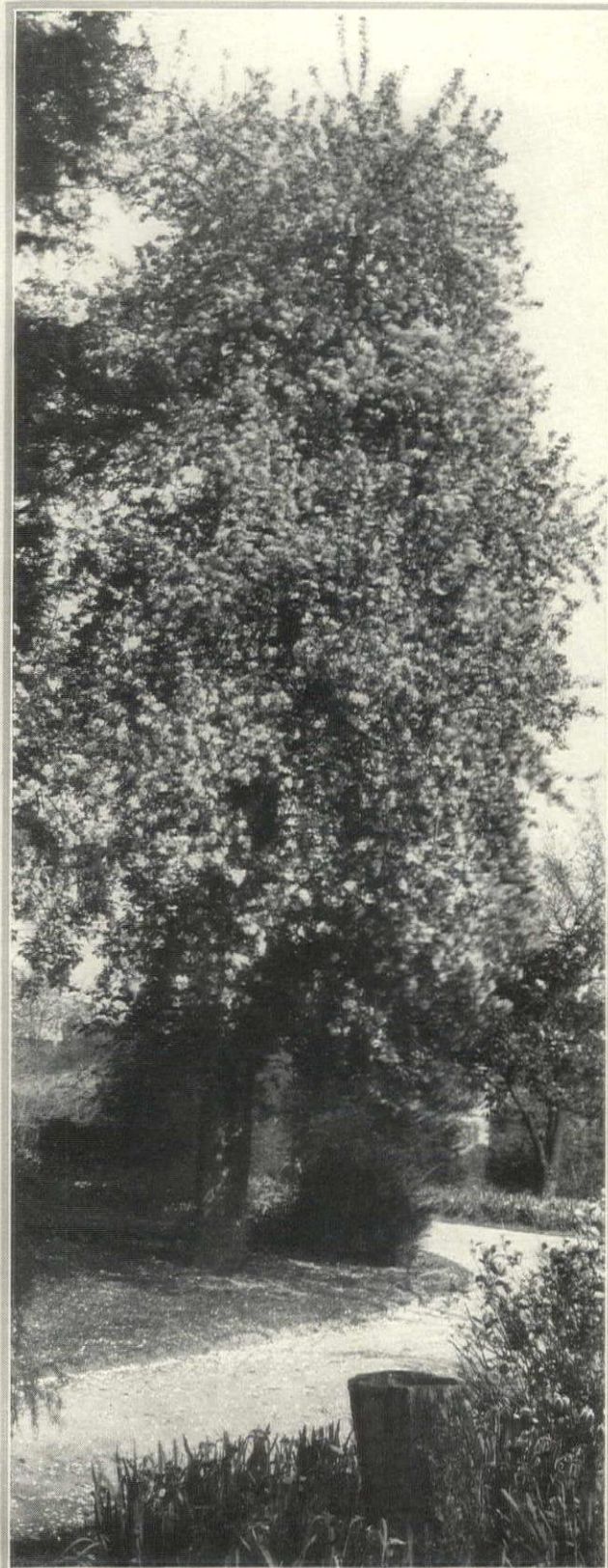
assumed the Orchid's temperament. They have fared forth, too, to experiment with all the flames, the deep corals, American Beauty, and reds so dark they seem to palpitate with a living glow. Blending tones and bicolors have ever been their heritage. With increased and narrowed petals almost to the extent of a shaggy Chrysanthemum among some of them, these changing tones have myriad displays. Stamens and pistils bring an added beauty. Their stems have grown long and sturdily upright—twelve inches.



The blooms themselves come very near to an average of four inches across, and I have counted from nineteen to twenty-six flowers at once on several plants three months from the setting of the tubers, though eight or nine blooms at one time would be much more usual.

Of course, in order that these flowers may give most lavishly of their loveliness, we must in turn assume a pleasing attitude toward them. Moisture and drainage are to them as the Law and the Prophets. A pool margin, provided the tuber does not rest in actual water or in stagnant moisture, is ideal. The rich alluvial loam of river bottoms is as though made for them—and equally elusive to the grasp of most of us! Give them the best garden loam possible and feed them heavily with bone-meal. Potash, too, is good to
(Continued on page 178)

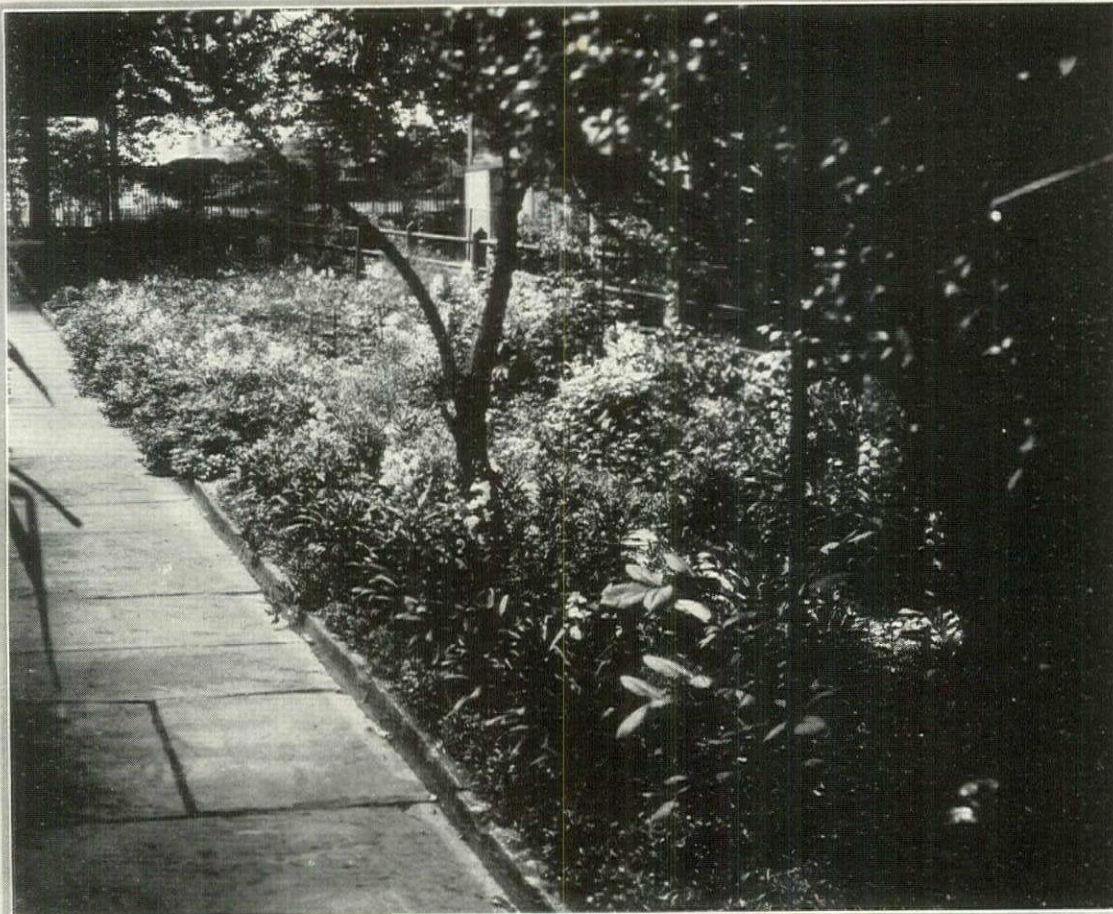
Another pleasantly colored variety is pale lavender shading darker toward the center of the blossom. The loose petals are quite noticeably narrow and shaggy



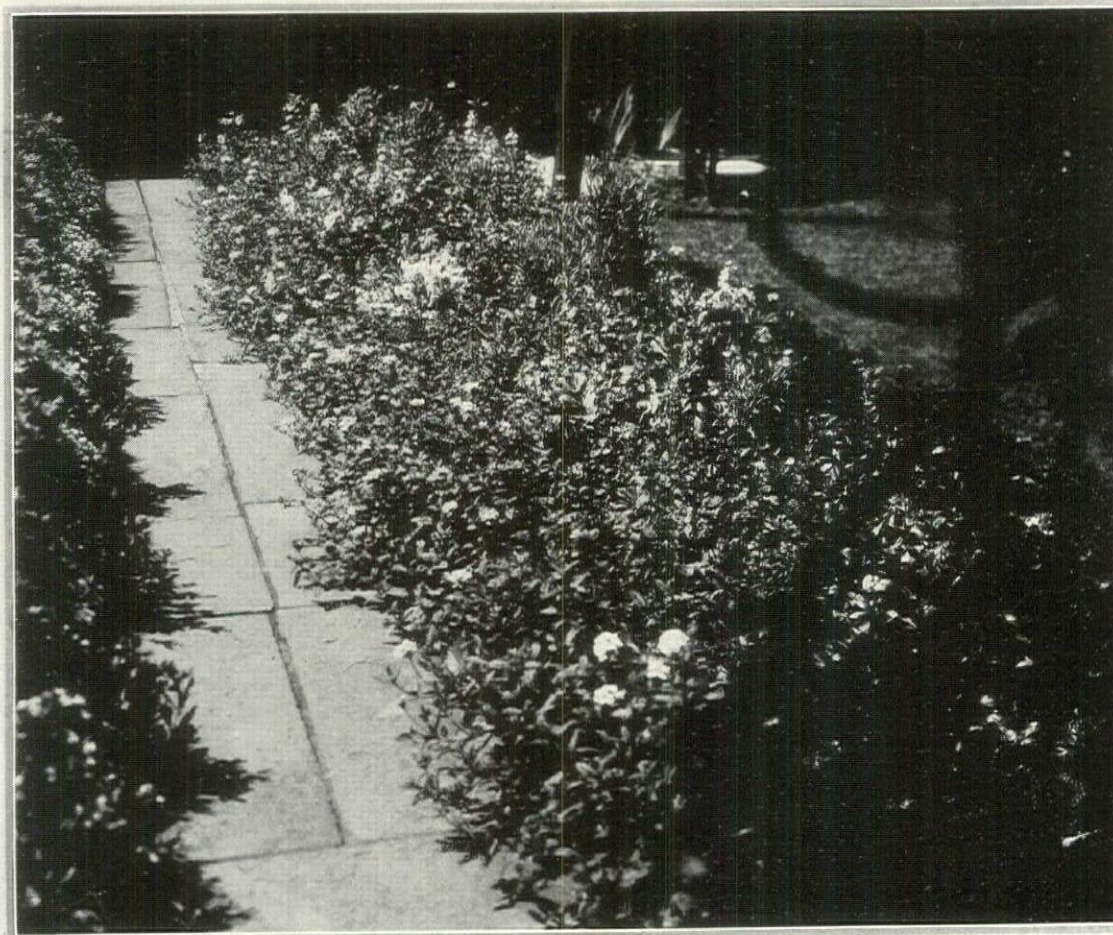
Healy

To many of us, the word Crabapple recalls autumn pictures of occasional trees burdened with thousands of small red globes. Colorful memories, these, but no more pleasant than the remembrance of the same trees when early spring has decked them with a myriad blossoms of purest white. Here in the garden of Clarence Loew, Poughkeepsie, N. Y. a Siberian Crabapple makes such an unforgettable picture

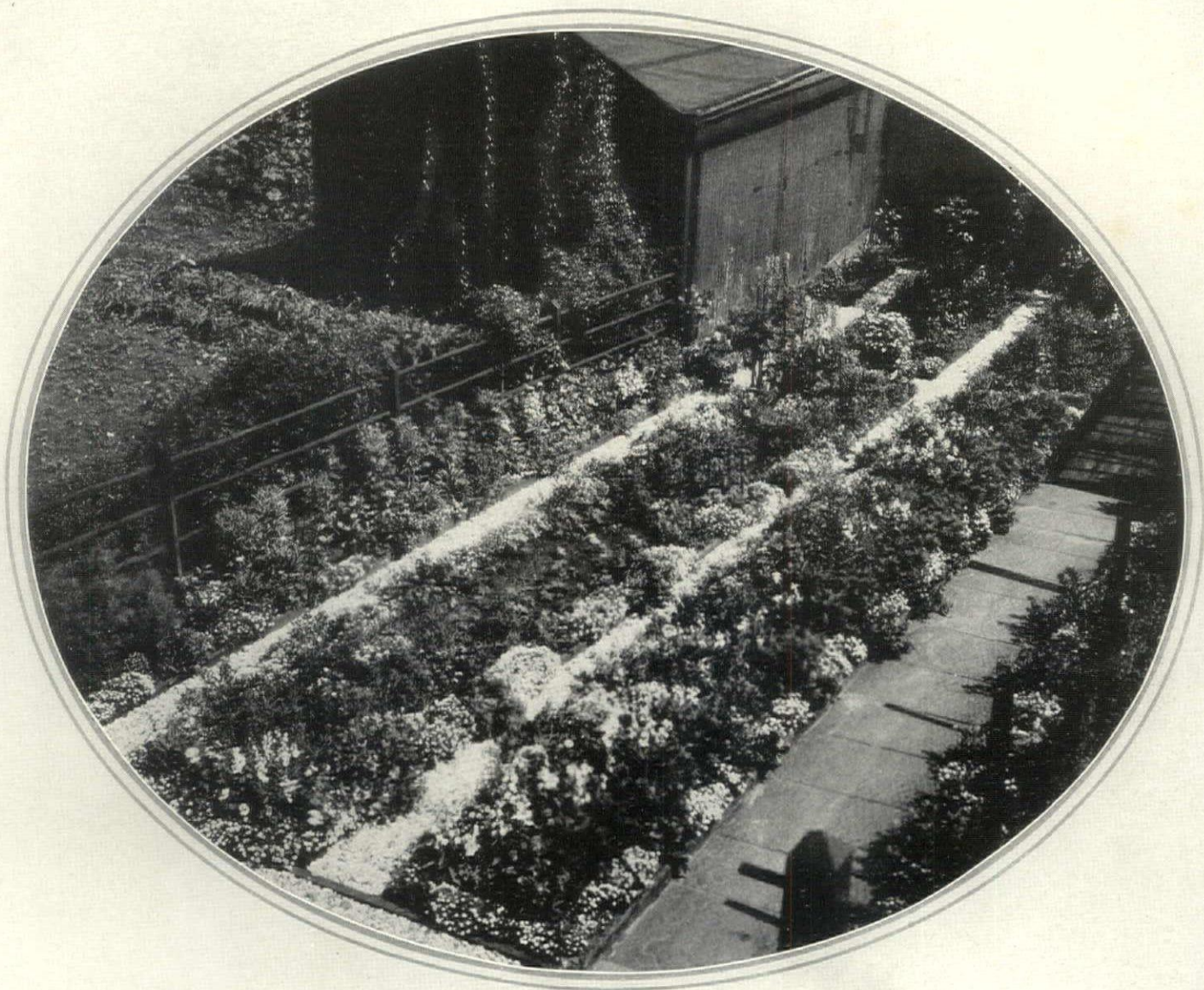
CRABAPPLES FOR SPRINGTIME LOVELINESS



Two years from ugliness! This romantic backyard garden offers a variety of sunlight and shade so that many kinds of plants can be accommodated in its wide beds. The entire transformation from a barren back lot was made in two years, with much labor and love of flowers

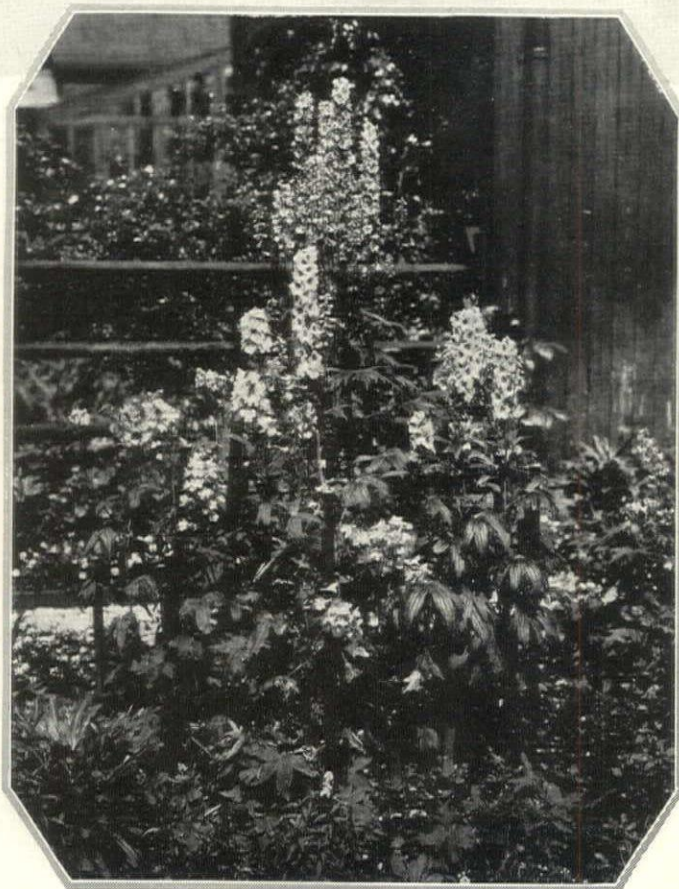


Here and there in this backyard was room for small patches of lawn. These are rimmed with narrow plants of annuals—Verbenas, Petunias and such—that in summer spill over the hard curb of the flagstone paths the abundant and colorful waves of their blossoms



A GARDEN AT A NAVY YARD

When Captain Parsons came to his quarters in the Brooklyn Navy Yard the rear lot was an ordinary backyard totally devoid of flowers. Flagstone and gravel paths were laid down and between them solid beds of perennials and annuals, with the taller reaches of Larkspur for accent, were planted



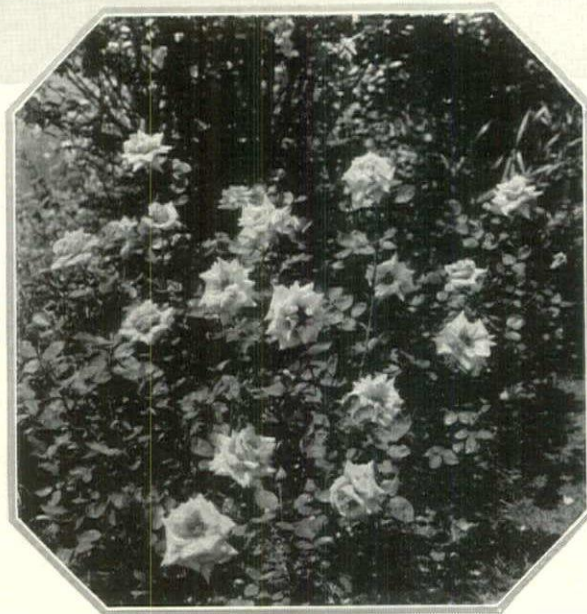
Because of their nomad life one rarely ever associates soldiers and sailors with gardens, and yet at the Brooklyn Navy Yard this patch of ground, behind an officer's quarters, has been made to flower gloriously. It is the work of Captain and Mrs. Archibald Livingstone Parsons



Duryea

The garden primarily of Roses will always hold a warm place in gardeners' hearts. Grass-pathed and edged with clipped Box, it presents a fitting green background for the colors of the blossoms

IT seems to be worth while now to help along Rose growing in America by removing from it the inherited hokum resulting from the foreign literature which until recently has been the major source of information or its substitute. It is, in fact, necessary to confess that after a baker's dozen of years in putting together the American Rose Annual, I find it necessary to reverse myself in many relations of Rose growing, because correspondence and experience have alike led me to realize that there is nothing complicated about having good Roses wherever in America there are good people to grow them. A requisite form of goodness, by the way, implies for the Roses a reasonable amount of general adaptability, and for the folk who grow them, willingness to take a small amount of trouble and some few chances.



TO MAKE OUR ROSE GROWING EASIER

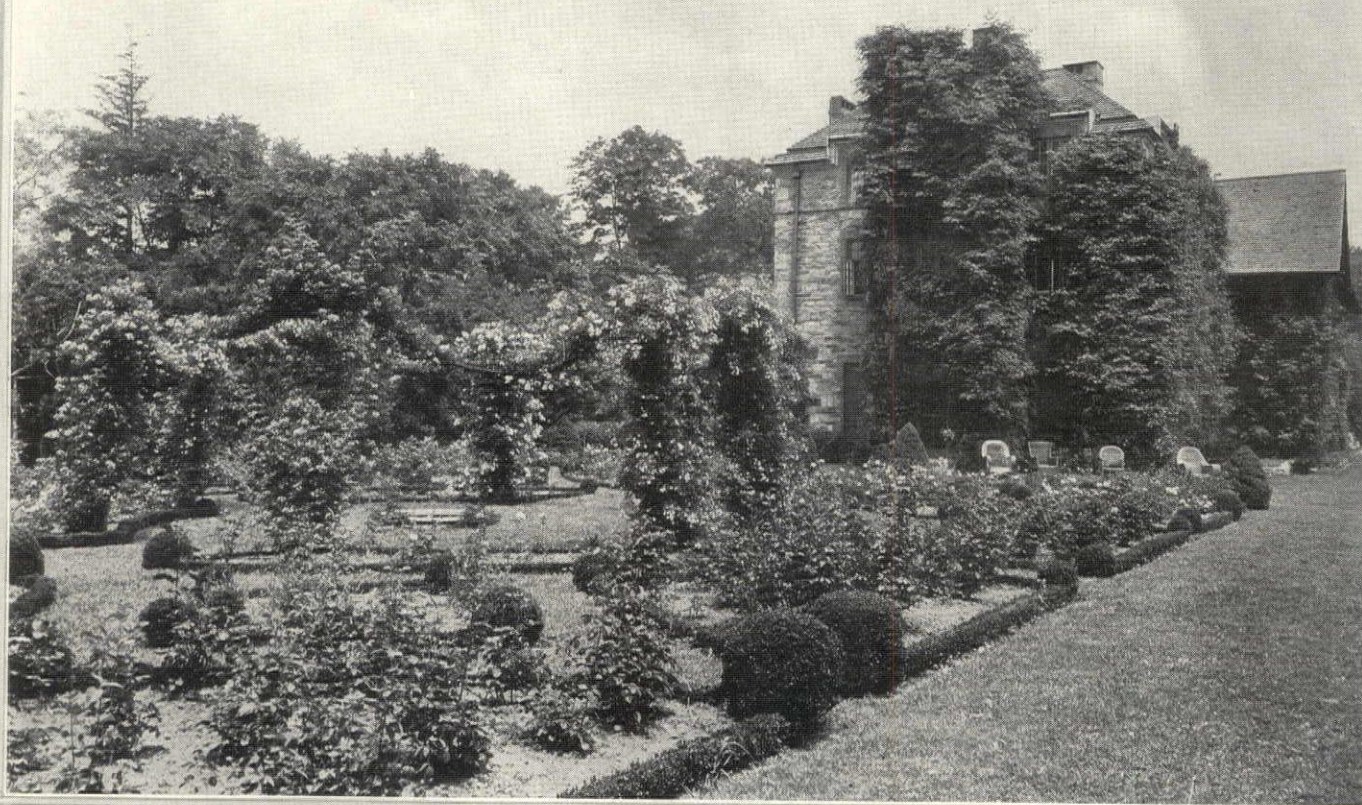
*The Queen of Flowers Is a Democratic Monarch and Does Not Need
the Traditional Pampering*

J. HORACE McFARLAND

Among the Hybrid Teas, William F. Dreer stands out by reason of its remarkable blending of golden fawn and orange-pink. It requires more attention than some others in order to grow it to perfection

The first point of inquiry might be as to where in America Roses will grow. In 1920 the American Rose Society published a Rose-Zone Map, prepared for it by the workers in the Bureau of Plant Industry of the Federal Department of Agriculture. This map showed zones within which various classes of Roses might be expected to flourish, and indicated a certain rather considerable arid region in which it was assumed that no Roses could ordinarily be grown. The determination as to localities was based upon reported late frosts, and there was the proper explanation that the Rose-Zone Map was not really authoritative, but merely suggestive.

Ever since the publication of this map indignant letters have been coming in proving that the Rose has more tolerance of frosts and of conditions than the makers of the map had

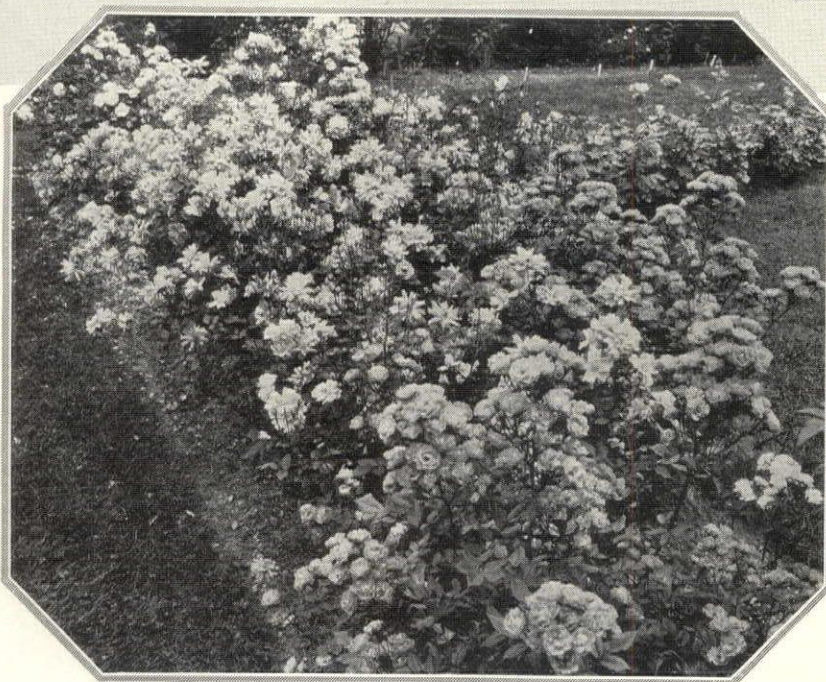


Duryea

Roses are more adaptable than many of the older authorities would have us believe. Not only can they be grown under diverse conditions, but varied effects are obtainable

assumed. From the cold Northeast came stories of how the supposedly tender Hybrid Tea Roses had flourished with moderate protection and had given joy to the growers of them. From the supposedly arid plains of Arizona there was received a picture of a Radiance Rose nine feet through its cluster of floriferous stems, quite casually situated outside a railroad section-house where there was plenty of sun and mighty little water. The South reported successes where there should theoretically have been failures. The Climbers that were not to flourish in the Middle West were proved to grow rampantly and bloom beautifully.

So now, after this dozen years of increasing experience and Rose relationships, I can say that Roses will grow anywhere



McFarland

on the North American continent where anything else will grow. I found some rather respectable Hybrid Teas just outside old Santa Marta, on the northern rim of Colombia, in South America, at sea-level and only nine degrees above the Equator. A picture came to me of some beautiful Wild Roses flourishing pleasantly sixty miles north of the Arctic Circle. It seems, therefore, to be a matter of disposition

The possibilities in combining different Roses are limitless. Here are Aennchen Müller, a pink Polyantha, and Jessie, a dwarf Polyantha which also has a climbing variety

rather than of location, and some Roses will grow just about anywhere in this broad continent of ours.

I grew up reading English Rose books which described in painful detail the soil necessary to grow good Roses. Exact proportions were given as to the mixture that was requisite, and always there was some one thing in the mixture that I could not get. I wonder what this "fibrous peat" is which is so constantly mentioned in foreign literature as essential, varied by references to "fibrous loam," and with similar indications of something quite mysterious and extremely powerful!

We were assured that Roses must have heavy soil and would shun the sand. Yet the light and sandy soils of Florida and

(Continued on page 188)

COLORFUL AND CHEERY SUN ROOMS

This Blending of Indoors and Out Affords the Decorator a Playground For the Use of Vivid and Interesting Color Combinations

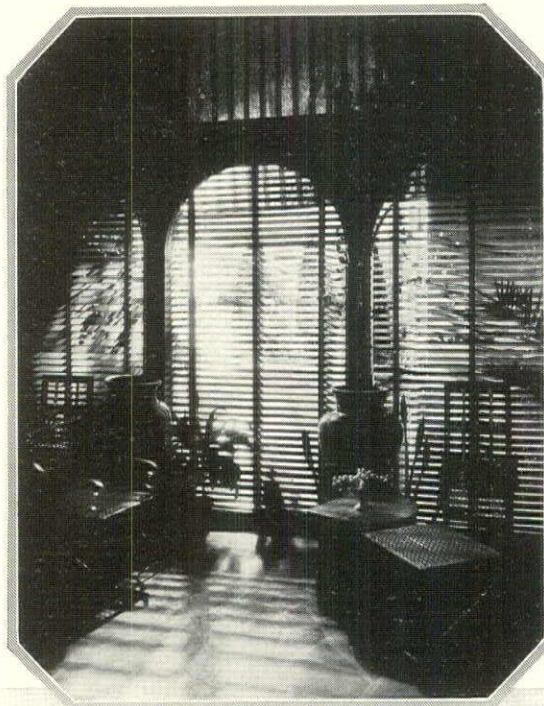
ELSIE COBB WILSON

FRANCE gives us the outdoor café, Great Britain the breakfast room, while America's outstanding contribution to the gayer hours of life seems to be her development of the sun room—or, as she makes it, her outdoor living room, with its life-giving color and light, blending outdoor and indoor comforts.

This room is also an expression of the renaissance of color now taking place everywhere. Wherever one travels today, this movement is manifest. What is the meaning of this emotional urge towards color so apparent in all countries? Is it a reaction to the shadow of the War? Youth, predominating in this as in all expressions of life today?

Perhaps in our country the growth of this colorful room can be traced to our recognition of the therapeutical value of color and light as well as to our greater

In Southern sections the sun room is really the shade room. So this Louisiana courtyard is shaded with green Venetian blinds. Decorations by Marshall Field & Co.



appreciation of the value of play. This new spirit must express itself in a material way in our surroundings, and the sun room proves a wonderful canvas on which to paint our gay colors. Surely, we have never before played with so daring a technique as in our color groupings for these rooms, where we may improvise with no traditions to restrict us.

In these transplanted bits of out-of-doors, we can play with colors from a vivid palette. We can draw on the Orient for brilliant colors. We can draw on Russia, which has transmitted the Oriental into Western adaptation, in modernist interiors, with violent and bizarre blending of the primary colors. Everywhere is play. Color is used with a light touch that would never have been ventured upon a generation ago.

(Continued on page 134)

Blue walls, cream curtains, a colorful chintz, a dark green marble floor and Italian furniture are used in this sun room of Mrs. Howard Whitney, Glen Cove, L. I. Odom & Rushmore, decorators

This view of the Kuser sun room shows the vaulted ceiling in sky-blue. Blues are also found in the painting over the sideboard. Black and white tiles cover the floor. Elsie Cobb Wilson, decorator





Duryea

A DIRECTOIRE SUN ROOM

In the home of Col. Anthony R. Kuser, at Bernardsville, N. J. is this sun room decorated in the Directoire taste. The blue of the landscape is set into the recessed arch and the ceiling is sky-blue. Other colors used are copper, green, yellow and red. Elsie Cobb Wilson, decorator

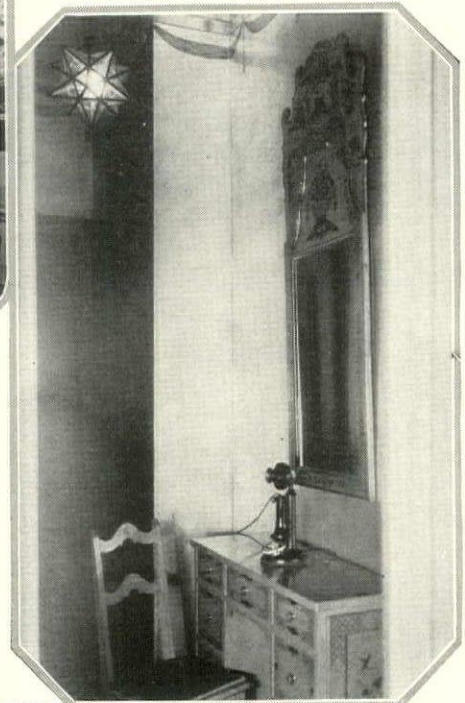


Harting



In the New York apartment of Joseph B. Platt is this powder room with its window-shelf dressing table. The woodwork, first painted brilliant yellow, was glazed to a mellow tone. At the window are curtains of yellow satin

The billiard room in the New York home of Charles E. F. McCann, is pine paneled. Yellow and green brocade hangs at the windows. The sofa is in blue damask and yellow wool damask is on the easy chairs. Thedlow, Inc., decorators



Asato

A flower room has been made in the home of Mrs. G. Dahl at Smithtown, L.I., of which Margery Sill Wickware was decorator. The trim is Adam green and the cupboard a glazed orange. Old Spanish brass lighting fixtures were used. The fountain is jade green marble



Hewitt

The telephone room in the Chicago home of Mrs. Albert H. Wetten, has silver antiqued walls and draperies in gold, red and blue. The Chinese telephone cabinet and mirror are in Ming blue. The woodwork is the same blue and the floor black. Irene Sidley, decorator



Amemiya

A moving picture room in a New York residence has walls of Chinese paper and woodwork painted powder blue. Curtains are of blue glazed chintz. Elsie Sloane Farley, decorator

FRIVOLITY is a saving grace, even in decoration. And we are having ample chance to indulge in it, for there never was a time when the market was so filled with tempting, amusing, beautiful and wholly unnecessary ornaments. But even these are not enough to satisfy the current taste for frivolity.

In many a house there is an occasional room, off the beaten course of Life's stern necessities, where one plays and generally exercises such nonsense and vanity as a bountiful Destiny has given.

It may be only a little coat closet—furbelowed up to serve as powder room; or a niche in the wall especially furnished to serve as telephone room; or a passage between garden and house to use for arranging flowers; or a billiard room, once a *sine qua non* in all well-equipped houses; or, for modern tastes, a cinema room. It may even be (tell it not in arid Gath!) a private bar! Whatever form this occasional room takes it usually proves to be the one that we most enjoy decorating. It can either be made a



Buffetot

OCCASIONAL ROOMS TO SERVE *and* AMUSE

At the Autumn Salon in Paris was shown this private modernist bar designed by the Magasin du Printemps. Bottles are put in recessed niches backed by illuminated ground glass panels

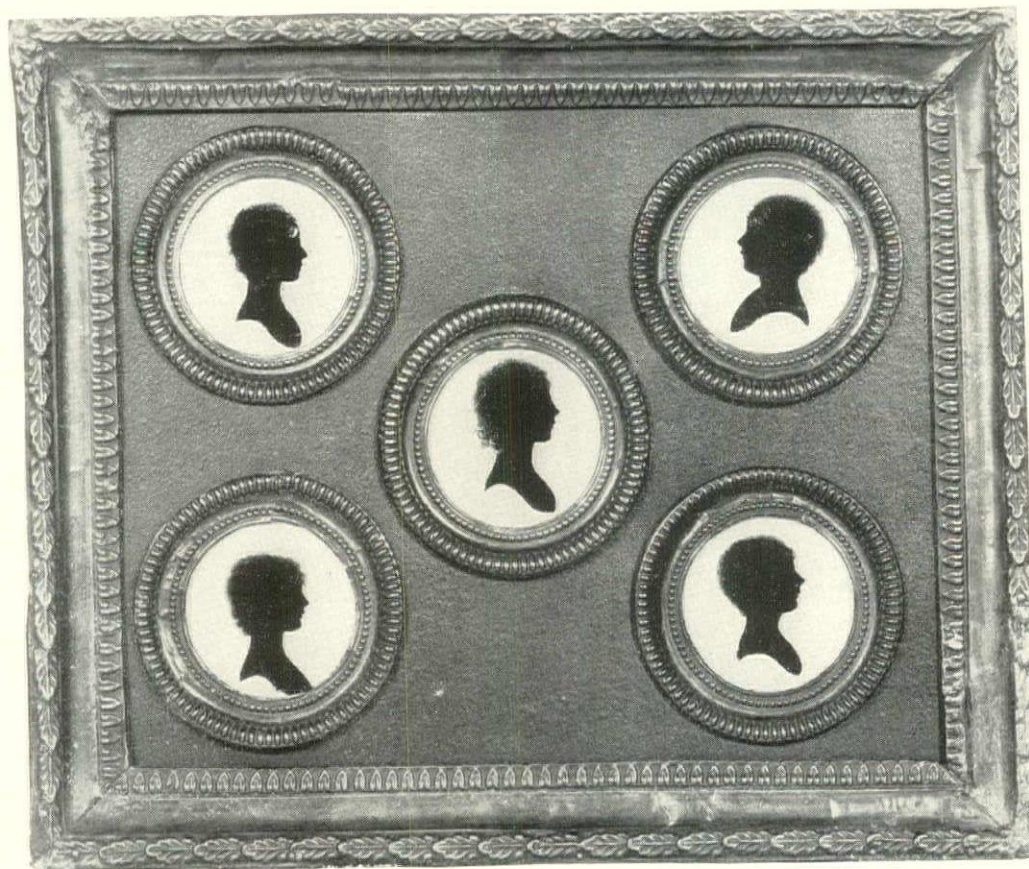
little jewel or a vivid nightmare of startling modernisms.

The powder room is first cousin to a dressing room. In the old days the term was applied to that room where one's wig was powdered. Today the insignificant nose serves as justification for it. Walls papered or painted, amusing small furniture, a dressing table, an unusual light or two—and you have a powder room. In the powder room illustrated here a window shelf serves for dressing table and one contemplates one's face in panes of mirror glass!

The garden room is the dream of all women who have a country house and love flowers. It may be ornate or plain, but however glorified, it should be practical, with ample shelves for vases, a working table for arranging flowers, cupboards for flower boxes, bowls, pots and string and a generous sink deep enough to hold tall vases under the faucet. In such a room the walls might have a flowered paper or hold a collec-

(Continued on page 146)

Several of the profilists, such as Jordan, Hudson and Rosenberg, painted their silhouettes on glass. This group, by an unknown artist, is done in this manner and set in a pressed brass frame



CHILDREN'S SILHOUETTES FROM ABROAD

A Great Variety of Treatments Is Found In the Shadow

Portraits Made by Foreign Artists

MARY MARTIN

ON crossing to England and the Continent one finds the silhouette more a work of art, more sophisticated than most of the examples of those made in the United States. Hollow cuts are rare and even those cut out of black paper are not so popular as the painted profiles of various types. According to Desmond Coke, the noted English collector and writer on the subject of silhouettes, "the best silhouettists never touched a pair of scissors."

A portrait by Mrs. Beetham, one of the earliest as well as one of the best of England's profilists, is lovely little Miss Johnston. Her two pretty sisters were taken at the same time, as well as the portrait of their governess Mademoiselle—, whose name on the frame is not legible. They probably went to the studio at 29 Fleet Street, where Mrs. Beetham worked for several years, although her trade label is always dated 1785. This artist was wont to idealize her portraits, as all her ladies are beautiful, but with children it was not necessary. The long curls of these little girls gave her the opportunity for the careful painting for which she is famous. They are painted in black on convex glass, filled in with a light coating of white wax which

makes a soft background. Mounted in oval frames of dark pear wood, with a gold line on the domed glasses, they are most decorative and must have been deeply cherished by a loving heart of long ago.

Many people consider Miers the most gifted of the Georgian silhouettists. He and his partner Field made portraits of several

members of the Royal family, and among the many identified portraits from their Gallery are most of the celebrities of their day. Their gallery was on the same street, the Strand, as the studios of the great artists. When the little Prince, later King George IV, was to be portrayed, he may have been taken to the gallery in state, or the artist may have been summoned to the palace. Painted on plaster in sepia, touched with gold, it could justly be termed a miniature in its wealth of detail and trueness to life. The portrait is said to have come from the collection of Queen Adelaide. She was the widow of King William IV, and spent the last years of her life at Bushy House, whence the portrait was dispersed with her other property.

A third type of English work is painted on paper. It is signed "By Watkins," who had a gallery at Bath—famous Bath, full of memories of both real and dear Jane Austen's people, and where there
(Continued on page 162)

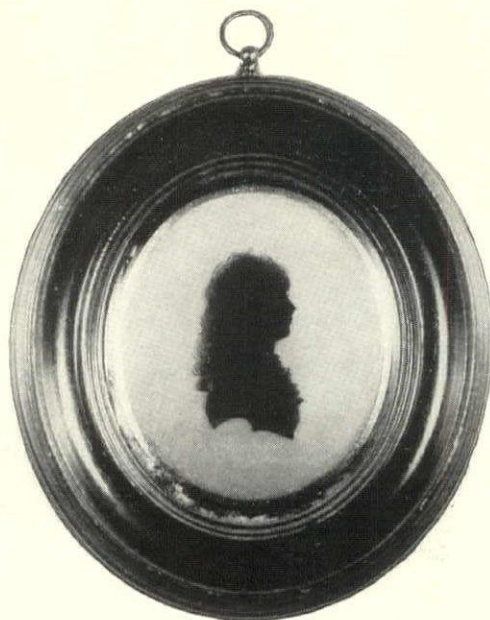


Jack Dempsey, a noted silhouettist of the '40's in England, usually painted his children with their pets, as in this quaint portrait group of a little boy and his dog



Painted on cards in black and tones of gray, with hair and shoes in gold, these two children were evidently portrayed while at play. Their clothes, though, look a little elaborate for such exercise

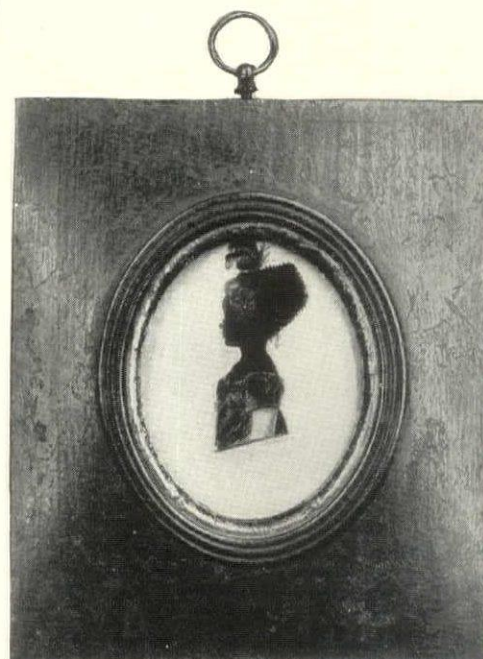
The artist who painted these interesting silhouettes was G. Miles, of whom no record appears to exist. They are shown by courtesy of the Rev. Glenn Tilley Morse, a famous collector of silhouettes



Lovely little Miss Johnson was painted in black on convex glass by Mrs. Beetham, whose silhouette establishment in 1785 was at 27 Fleet Street, London



(Below) Wilhelm Müller, a shoemaker of Düsseldorf, was a silhouettist of no mean gifts. He cut groups and scenes about the year 1840



Miers and Fields, the most gifted of the Georgian silhouette cutters, painted this portrait of the little prince who was later George IV. It is in sepia on plaster and touched with gold. From the author's collection



Watkins, who had his gallery at Bath, did this young lady's silhouette, painting it on paper in blue tints. Between seasons, Watkins traveled the English countryside finding sitters. From the author's collection

PLANTS AND PLANTING AGAINST THE HOUSE

Inside Plan and Outside Character Determine the Plant Material

That Ties the Dwelling to Its Site

ELSA REHMANN

THE house controls the planting that is placed against it. The very plan of the dwelling, as expressed on the outside by doors, windows and wall spaces, influences the plant arrangement.

Take, first, the symmetrically arranged façade. This requires a careful balance in the placing of the plant material. The doorway itself, placed as it is in the very center, makes necessary adherence to this careful symmetry, for the plants at the doorstep hold the key to the whole arrangement.

ABOUT THE DOORWAY

Use a pair of Boxwood bushes to emphasize the doorway—the refinement of their foliage makes the door the more distinguished. Leave the shrubs delightfully unclipped, for their forms are distinctive. Outline the entire façade with lower Boxwood as edging for narrow flower borders, or use *Euonymus vegetus* as a deep green carpet and wall covering. Another plan would be to try Lilacs either side of the door. They make effective specimens if you select large and shapely bushes. They like to have other gardenesque shrubs and bush Roses and Wistarias as associates.

Altheas, too, look well as specimens on either side. Their erect branching gives them architectural character. Japanese Quinces are good, also, with their dark, shining leaves. Use *Magnolia glauca* where the beauty of its forms and the glossy texture of its foliage will be effective. It can be accompanied by Azaleas and Abelias. These Magnolias delight, too, in the association of dark-foliaged shrubs of refined habit like *Viburnum cassinoides*. *Taxus cuspidata*, the Japanese Yew, makes excellent specimens. Its green is luxuriant and the spreading habits are interesting. Or select a pair of *Rhododendron carolinianum* for their very beauty. Use with them Laurels and Leucothoe or even other *Rhododendrons* whose large foliage makes a perfect foil for their own delicacy.

The formality of the house and its telling balance is kept ever in mind by a symmetrical arrangement of the plants. Even the use of vines is controlled by these strict laws. The windows and wall spaces are held in real respect. Planting is not allowed to hide them. The foundation walls are relieved only with plantings of low growing shrubs and vines.

The planting is strengthened by high growth placed at the corners. Here there

is a chance to use tall shrubs and even small trees. English Hawthorns have nice shapes; Crabapples have pleasing rounded forms; Cedars and Arborvitae are telling. Select the White Fringe Trees with their great leaves, or Birches with their delicate habits. Use Halesias with their silver bells or Wild Cherries with their loose branching, Dogwoods with their nice forms or Washington Thorns with their refined habits.

The unsymmetrical house does not require careful balance in the planting. In fact, the planting can seem altogether unstudied and have an informal picturesqueness, arranged with delightful irregularity. Tall shrubs and low ones, trees and vines can be collected in informal groups to make uneven silhouettes. Shrubs and trees are often placed against wide wall spaces and in front of stair wells. They are used under high-placed windows and it hardly matters if occasionally a branch cuts across shutter and glass. Vines, too, climb up the chimney, outline windows, twine around post and pillar and cover the very roof at will.

FOR INFORMALITY

Even the planting on either side of the doorway carries out this informality by being unlike in form and character. Picture, for instance, a *Forsythia suspensa* on one side of the door. It is so effective as a flower and foliage shower. Use a *Jasminum nudiflorum* on the other side as a repeating note of yellow. And add to these such shrubs as Caragana and Kerria, Laburnum and Exochorda. Try the refined tree-like *Styrax japonica* on one side of the door and the *Spiraea prunifolia* with all its arching slenderness on the other side. And use with these such delicate appearing shrubs as *Spiraea thunbergi* or Snowberries, *Philadelphus lemoinei* or Persian Lilacs. Use *Euonymus alatus* with its wide-flung branches, or a Highbush Cranberry with its tree-like habit, or even a Witch-hazel that for all its ruggedness has such a pleasing arrangement of many upright slender trunks.

These are ever so effective against a house of sufficient informality. With them use Blueberries and Clethras, Bittersweets and Matrimony-vines, summer Grapes and Virginia Creepers. Or for a nicer effect, choose a Dogwood. Select a specimen with a picturesque one-sidedness so that a horizontal branch will show across the lintel, and with it use Laurels and Azaleas as you find them together in the woods. Or try a

Mountain-ash on one side of the door with a *Crataegus pyracantha* on the other side, and accompany them with the tumbling Cotoneasters in irregular groups. All three have delicate foliage which makes their assembling interesting. Their flowers are Hawthorn-like and their fall fruiting effects are brilliant. Or if the house permits, let a *Juniper virginiana*, a Redcedar, show its column on one side of the door. Place a group of prostrate Junipers on the other side for balance. These two varieties can make up the entire planting against the house and gain effectiveness through their irregular arrangement. If you add low Wild Roses, a Common Barberry or two and a single *Viburnum prunifolium* with strong horizontal branches the arrangement has a striking effectiveness.

The construction of the house influences the arrangement of the planting. Beautiful brick and stone are left uncovered. Nice walls are given but a delicate tracery. Each well-modeled pediment, each cornice, each shutter, each roof line is considered as a vital part of the building and kept free even of vines. The very character of the detail can be accentuated by the planting. When the detail is delicate, small-leaved shrubs and trees such as *Spiraea prunifolia*, Bush-honeysuckles, Snowberries, Birches and English Hawthorns are in keeping. When it is refined, choice plants such as Laurels, Yews, Cedars, Azaleas, Abelias and Magnolias are appropriate. Houses with sturdier ornament, however, allow plant material of more rugged type. Details that are not nicely considered can be hidden, structural deficiencies can be entirely masked. Columns that are too heavy can be festooned with climbers and copings that are too wide can be covered with tumbling shrubs and vines. Ill-proportioned walls are hidden by tall shrubs. Even poor roof lines can be successfully disguised by trees.

GOOD RELATIONSHIP

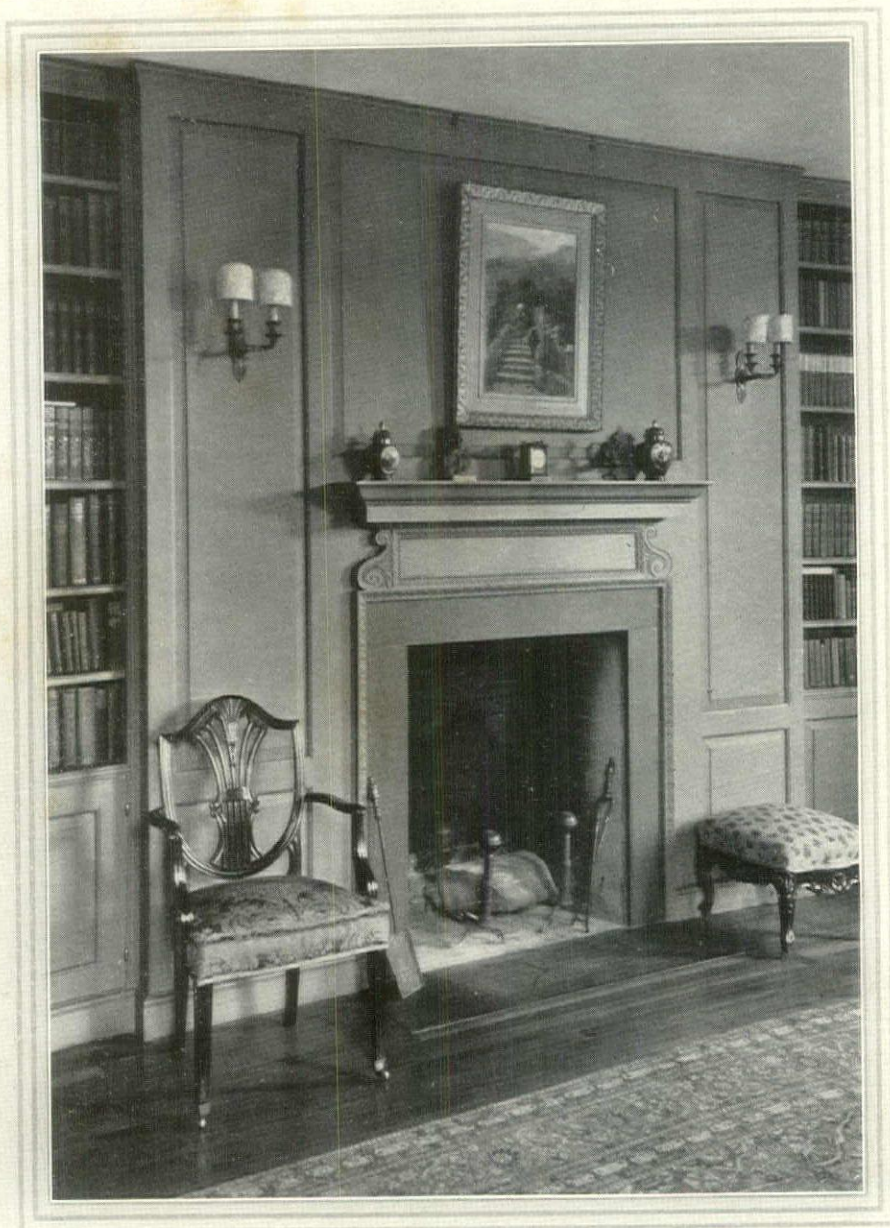
The material of which the house is built controls the decorative use of plants. Take a white clapboard house. Its painted surface does not permit vine coverings. Its charm is disturbed by even a single vine trained against a trellis. The smooth walls resent the rough texture of coniferous evergreens. Even the Cedar, for all its stateliness, strikes a wrong note. The character of the wood itself finds even the foliage of the

(Continued on page 180)

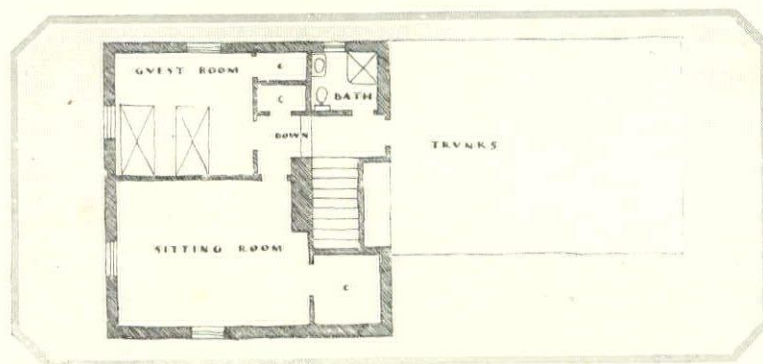


A STUDY IN CONTRASTING BRICK

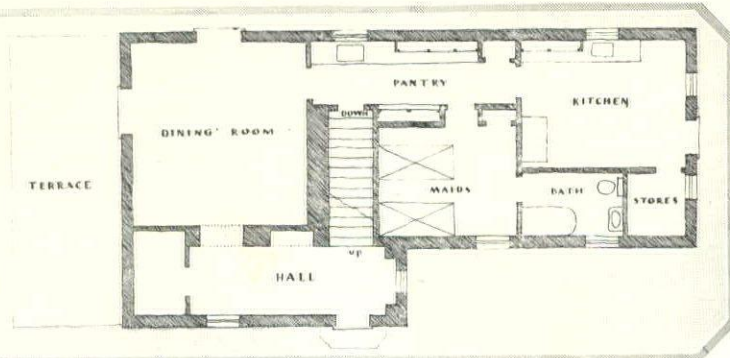
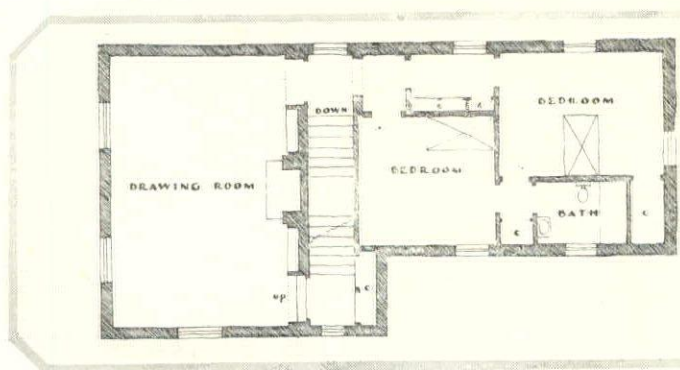
By the use of red brick to accent corners, dormers, belt-courses and various other details, while the larger surfaces are whitewashed, a novel and interesting effect has been created on the home of Benjamin S. Comstock at Princeton, N. J., of which Francis A. Comstock was architect



The paneled walls in the house-depth drawing room on the second floor of the Benjamin Comstock residence are in a mellow early Georgian green. Above is shown the fireplace wall of this room



Dining room and service rooms are on the first floor of this house. A drawing room, two bedrooms and a bath occupy the second story and a two room guest suite is situated on the floor above





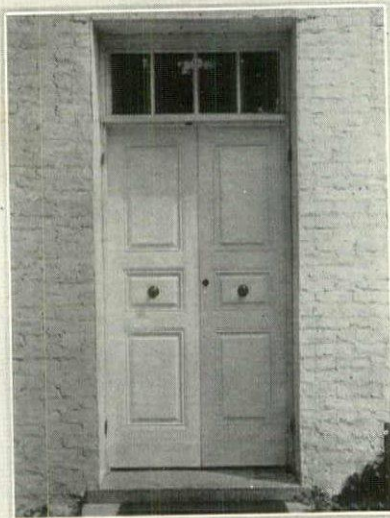
THE RURAL
FRENCH TYPE IN
NEW JERSEY



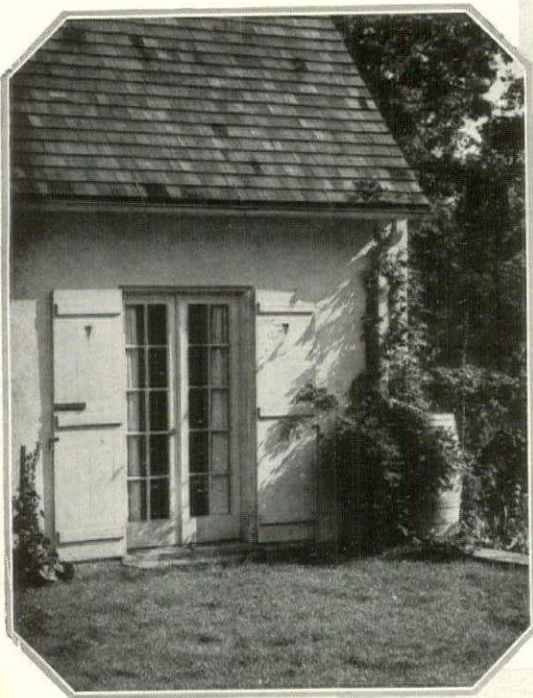
Tall, steeply pitched roofs and the general outline indicate the French antecedents of this Princeton, N. J. house. The pediment above the entrance is similar to many Colonial examples. Francis A. Comstock, architect

The generous use of red brick gives the necessary balance to this end of the house. Here is located the service entrance and in this wing are all of the service rooms. The roof is covered with thin, crisp appearing black slates

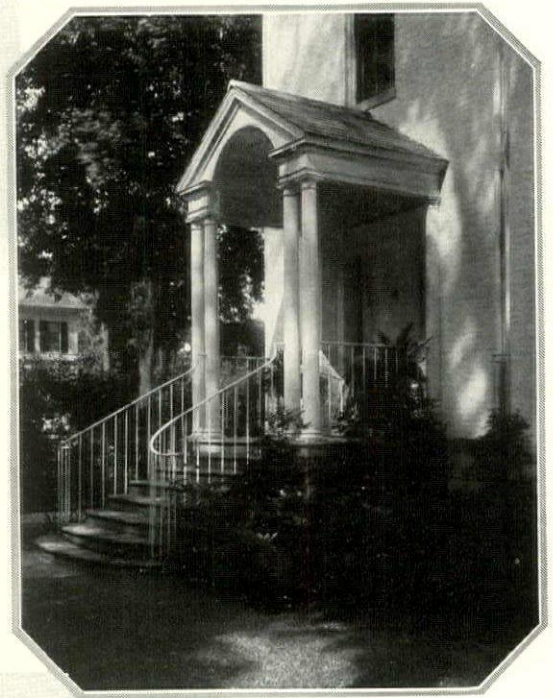
Set in a wall of whitewashed brick, this double door faces toward a garden at the side of a residence in Jamaica, N. Y. Newton P. Bevin, architect



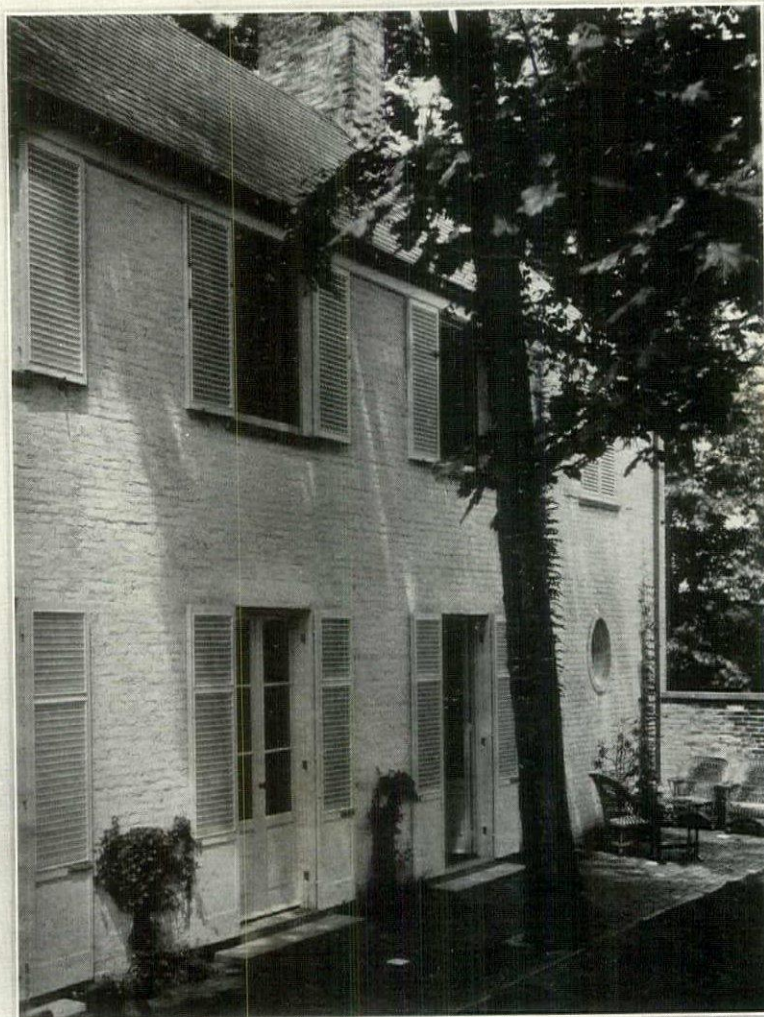
DOORS AND WINDOWS THAT ARE DOORS



The living room in an architect's own house has French doors opening upon a broad, grassed terrace. Note the battened shutters. The residence of Melvin Pratt Spalding located at Chappaqua, N. Y.



Refinement of detail commends the portico above. The door is surmounted by a carved fan, and flanked by side-lights. The Van Duesen House, Saratoga Springs, N. Y. Alfred Hopkins, architect



In the French doors facing upon a brick-paved terrace, the lowest panels are of wood. Shutters with adjustable louvers are a protection from inclement weather. A residence at Jamaica, N. Y.



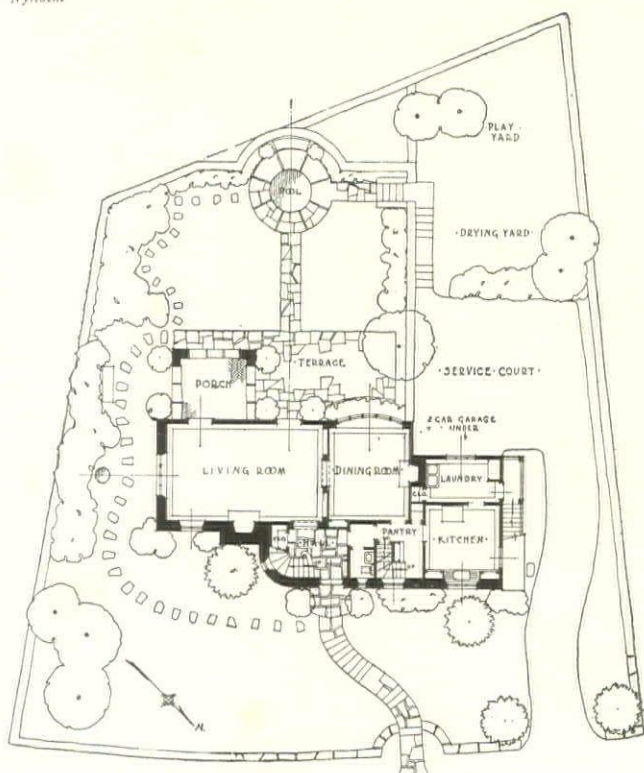
Nyholm

VARIETY IN SURFACE TEXTURES

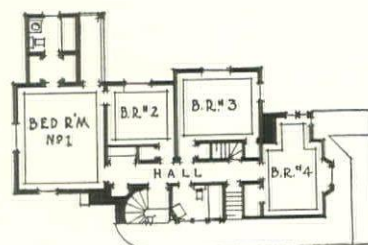
The artful combination of diverse materials—stone, stucco, brick and roughly-dressed timbers—gives particular distinction to the exterior of the Russell Dill residence at Bronxville, N. Y. Because of a sloping site, the service entrance, above, is reached by an outer stairway. Penrose V. Stout, architect



Nyholm



A deft artistry is discernible in the handling of the materials which surface this house. Except for certain contrasting touches, the walls blend easily with a naturalistic background. The long roof lines present an especially attractive picture

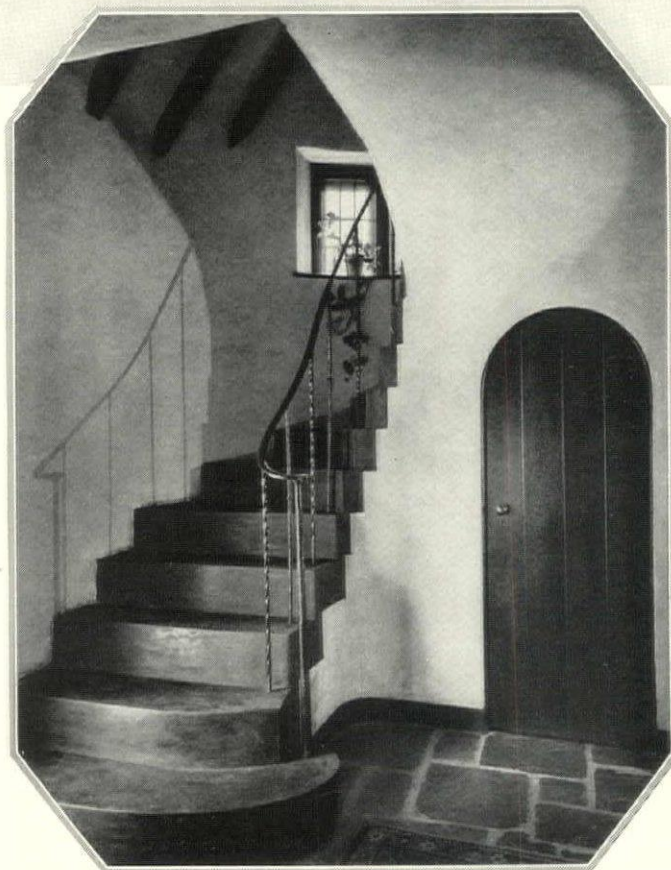


Plans of this house show the result of careful study. A picturesque entrance hall contains a winding stair rising to the chamber floor. One side of the dining room is entirely taken up by a small-paned box window which overlooks the terrace

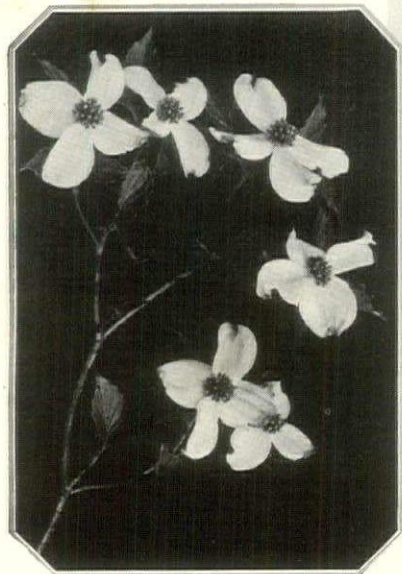


A DESIGN THAT REFLECTS ITS SITE

Interiors present the same facile grace of treatment that characterizes the exterior. The door to the right of the stair opens from a large closet. The home of Russell E. Dill at Bronxville, N. Y. Penrose V. Stout, architect



This terrace at the rear of the house is a pleasant place to spend fugitive hours. The lower casements open from the dining room. On a line with the terrace is a large living porch, an adjunct to the living room

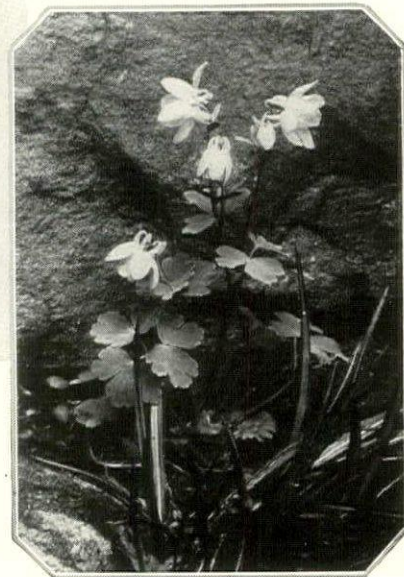


Flowering Dogwood is one of our finest small trees, attractive at all seasons. In spring its great blossom bracts are splendidly showy



Healy

A close planting of *Chionodoxas* makes a delightful patch of blue in the March garden. Its earliest bloom will come in a sheltered nook which collects the sun's warmth



No lover of Columbines should miss the delightful little Chinese species, *A. flabellata*. Its waxen blossoms are creamy white and lavender

A GARDENER'S MISCELLANY

Some Flowers For

Spring Display

LOUISE BEEBE WILDER

MARCH is a month of promises—some kept, some thrown into the discard. To the owner of a garden it seems to me the most exciting and provocative month of the year. March holds careless traffic with blizzards, with caressing zephyrs, with gray, down-pouring rains, with suns warm as May's, with frivolous snow flurries, tender spring showers, thunder and lightning, fierce cold and what not. One's aroused enthusiasm goes up and down with the eccentricities of the thermometer and

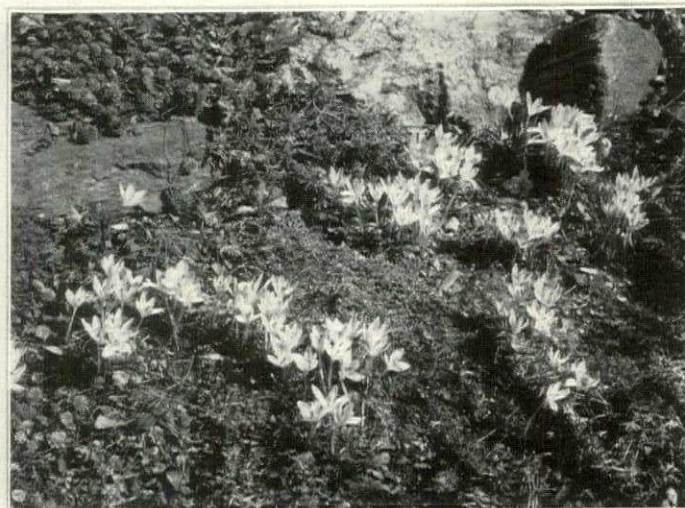
Phlox bifida, *Houstonia coerulea* and the two forms of *Viola pedata*—a lovely trio in the spring rock garden. Behind them is the gray-green foliage of *Helianthemum*

the barometer, and one is alternately lured forth to prowling among the beds and borders and thrust back rudely to the glowing hearth and the solace of books and catalogs.

But despite all this things go on apace out-of-doors and many flowers may be expected in a well furnished garden in the neighborhood of New York during this capricious month. Here are some of them: Snowdrops (double and single), *Scilla*

siberica and *S. bifolia*, Winter Aconite, *Adonis amurensis*, *Chionodoxas*, Lent Hellebores (*Helleborus orientalis*) *Hyacinthus azureus*, *Iris reticulata*, *Narcissus minimus*, *N. minor*, *N. cyclamineus*, *Daphne mezereum*, *Erica carnea*, *Viola odorata*, *V. blanda*, Hepaticas, *Tusilago farfara* (a rampageous but welcome little native weed), *Lonicera fragrantissima*, *Leucojum vernum*, *Bulbocodium vernum*, *Hamamelis japonica* and *H. mollis*,
(Continued on page 176)

March calls up the blossoms of *Crocus tommasinianus*, scattered in little groups on a sunny slope where the ground warms early. The species comes from the Near East



MAKING A PLACE TO MEET THE SPRING

*Simple Borders in Sun and Shade Where the Early Shrubs
And Flowers Will Bloom Together*

DOROTHY HAMMOND

A DAY comes in late winter when the sun is warm in protected places, when the wind blows from the south or southwest, and the gardener begins a search for the first sign of spring bulbs. Today, the second of February, was such a day and the tip of a Daffodil that I found when I was poking at the winter covering of leaves inspired more hope and anticipation than calculations on a calendar pad would ever produce. Why should we wait for Roses to call us out into the garden when Snowdrops and Daffodils can pry us away from the fireside to find the first few signs of approaching spring.

Here is a very simple combination of flowers and shrubs—one which the smallest of gardens may afford. Our spring gardens are almost entirely the result of autumn plans, work and money invested, so the gardener who would watch for the returning miracle of spring must prepare for this happy awakening the previous fall. Early fall, as early as September, is the best time for bulb planting, but spring is the easiest time to plan new garden pictures in which to utilize the early bulbs.

An important advantage we have when the work is begun in the spring is that manure thoroughly forked into the soil and the mulch of leaves which was used as a winter covering on the garden will be rotted by bulb planting time, and the much needed humus is easily added to the soil in this way. It is through such a friable, spongy, moisture-holding soil which drains from below that plant roots penetrate at an astonishing rate; and it is this kind of soil that resists midsummer heat and drought, for the humus acts like a sponge and holds moisture in the same way. The more I gar-

den, the deeper I dig my garden beds, and the more humus do I add to the soil.

The shrubbery used as a background can be planted in spring or fall as it makes little difference to shrubs if they are planted when fresh manure is added to the beds, although no plant roots should ever be in direct contact with fertilizer. Having the shrubbery in place is a help when estimating the number of plants and bulbs that can be used in the bed. The accompanying diagram is an elastic plan that can be varied with the width and length of the bed, but rather than cut down the number in each group it would be much better to omit a part of the diagram altogether.

Some bloom will show in late March, but the full beauty of the border comes in April. *Forsythia suspensa* will show its golden bells against the tender blue and fleecy clouds of the spring skyline. *Spiraea thunbergi*, one of the most charming of all low-growing shrubs, also blooms in April and May with a profusion of tiny mist-like flowers and fine delicate foliage. A still smaller shrub with a graceful spreading habit and delicately cut leaves is *Stephanandra flexuosa*. The flowers are small and creamy-white. These three shrubs grow gracefully and their leaves are not coarse, thus making a suitable background for low plants at the edge of the border. None of them grows "leggy" with age, and the two having pendulous branches bring the foliage of the shrubbery to the level of the Peonies or Solomonseal. There are no large

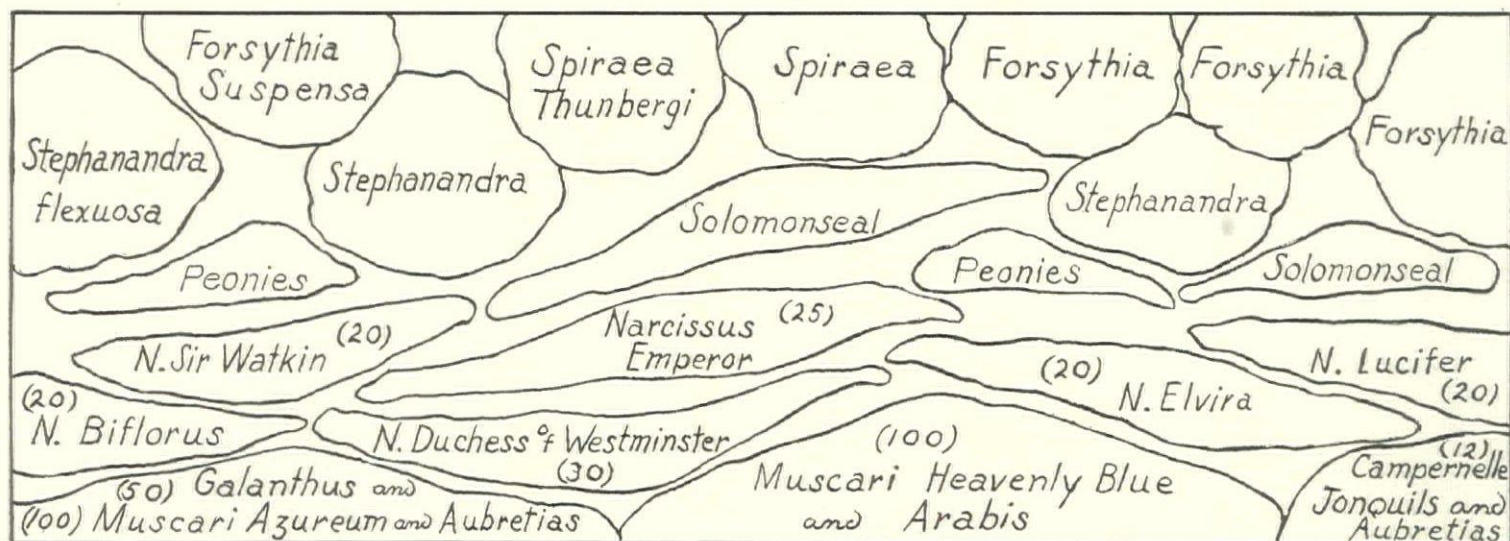
herbaceous plants with fine foliage in April, so the use of shrubs of this character is a necessity, besides giving a flowery background. The arrangement of a background for all borders is ideal but the spring bulbs can be used in so many ways and in such widely different situations that no real gardener can resist their charm.

If some plants of medium height are wanted between the shrubbery background and the drifts of bulbs and low-growing plants, the single Peonies for a sunny location, or the native Solomonseal (*Polygonatum*) for a half shady border would be suitable. The Solomonseal wants shade and moisture at the roots, but planted rather thickly among shrubs will grow well even though the foliage is in full sun. And the Peonies which prefer the sun will bloom well even when shaded for half the day; but shade when applied to gardens means the long shadows cast by trees or tall shrubs, and not the north side of a house with overhanging eaves creating stretches where moisture will never reach the soil.

Peonies and Solomonseal have beautiful foliage lasting until late in the fall and give the needed effect of mass and solidity. They should be planted in groups, from three to seven plants in a group, to make them effective. Neither Peonies nor Solomonseal will bloom until late May when the spring plants are almost gone, but the buds and foliage will make lovely bronzy colors which blend easily and pleasantly with the yellow, skyblue, white and lavender of the bulbs, and edging plants and the shrubbery background.

The fat double Peonies are much too sophisticated to associate with the airy,
(Continued on page 170)

*The planting plan of the sunny border.
For a shady border, substitute Scilla
sibirica and Violas for the Muscari and
Aubrietias, and Chionodoxa and Cory-
dalis for Muscari and Arabis*



HOUSE & GARDEN'S GARDENING GUIDE

In the following lists of plant material emphasis has been laid on practical rather than complete selections. The aim is to suggest those types and species which are the most satisfactory and sufficiently numerous to meet the majority of needs, and to give essential facts about them. The lists were compiled by F. F. Rockwell.

FLOWERS, TREES, SHRUBS AND VINES

| NAME | HEIGHT | SEASON | COLOR | CULTURE AND USE (Heavy type indicates especially good varieties) |
|--|---------|------------|-----------------------|---|
| ANNUALS | | | | |
| Ageratum | 12" | June-Nov. | Blue or white | Set out potted plants or sow seed outdoors; pick old flowers; solid bedding; edging. |
| Alyssum (Sweet) | 10" | May-Nov. | White or lilac | Set out plants; sow every three or four weeks for succession of bloom; informal edging; display; rock work. |
| Begonia (<i>B. semperflorens</i>) | 12" | July-frost | White, pink, red | Buy plants; start seed indoors, or sow outside in warm, fine soil; best summer bedding plants for hot, sunny locations. |
| Blue Laceflower (<i>Didiscus</i>) | 24" | July-Sept. | Light blue | Graceful; exceptional for cutting, especially for bouquets. [King.] |
| Calendula | 15" | June-Oct. | Orange, yellow | Sow in late spring; transplant to at least 12" apart; fine for color and cutting. Orange. |
| California Poppy (<i>Escholtzia</i>) | 12" | June-Nov. | Various | Sow early as possible; thin to 6"; ground cover of brilliant color. Double Gold Cup. |
| Calliopsis (<i>Coreopsis</i>) | 18" | June-Oct. | Yellow | Yellow daisy-like flowers on graceful stems; one of the best for both garden and cutting; always in bloom. |
| Candytuft | 15" | June-Sept. | White-rose | Sow April; again May; likes cool weather. Giant Hyacinth Flowered. |
| China-aster | 20" | July-Sept. | Various | Start indoors or in seed bed outside; 18"-24" apart; exceptionally fine for cutting. |
| Clarkia | 18" | July-Oct. | White and rose | Sow outdoors early; blooms in 6 to 8 weeks; bushy growth; excellent for cutting. |
| Cosmos | 50"-70" | July-Nov. | Pink or white | New early flowering sorts may be sown out-of-doors; start old types under glass; back of border; cutting. |
| Gypsophila (Baby's Breath) (<i>G. elegans</i>) | 12" | June-Sept. | White, rose | Sow early April and at monthly intervals to Aug. for succession; indispensable for cutting, with other flowers; good display. |
| Larkspur | 36" | June-Oct. | Blue, various | Sow April-May; excellent for back of border, also for cutting. Exquisite. |
| Lobelia | 6"-12" | June-Sept. | Blue, white | Start plants or sow where to bloom in April; excellent edging; also bedding and cutting. |
| Lupine | 24" | June-July | Blue, various | Sow in May where to bloom; sweet soil; border; cutting. |
| Margold | 24" | July-Oct. | Yellow, various | Outside in May; transplants readily; varieties for edging; border; cutting. |
| Mignonette | 12" | June-Oct. | Pinkish-white | Sow in open where to grow; most delicious fragrance of all annuals. |
| Nasturtium | 15"-6' | June-frost | Various | Sow April outdoors; dwarf and climbing varieties; thrives in poor soil. |
| Petunia | 15"-24" | June-Oct. | Pink, various | Start indoors or sow outside May; spreading border; masses of color. Burpee's Blue. |
| Portulaca | 5" | July-Oct. | Pink, various | Rake seed in lightly; thin to 4"; best ground cover for hot, dry location; brilliant colors. |
| Phlox drummondii | 15" | June-July | Rose, various | Sow as above; thin to 6"; blooms in few weeks; brilliant ground cover. |
| Scabiosa, Sweet | 30" | June-Nov. | Various | Sow outside in May; transplant to 8"; remove all flowers; fragrant; for cutting. |
| Snapdragon (<i>Antirrhinum</i>) | 18"-30" | June-Nov. | Various | Start indoors or outside in April; transplant to 12"; pinch back; excellent for display and cutting, especially late autumn. |
| Stock | 20" | June-Sept. | Various | Two or three sowings; transplant to 12"; fragrant; cutting. |
| Verbena | 8" | July-Nov. | Various | Extra good ground cover, especially for late autumn; brilliant display. |
| Zinnia | 30" | July-Aug. | Various | Indoors or outdoors April; 18" apart; display; cutting; try new named varieties. |
| PERENNIALS | | | | |
| Achillea (Yarrow) | 48" | July-Aug. | Yellow | Full sun; succeeds in dry soil; back of border; fair for cutting. |
| Aconite (Monkshood) | 48" | Aug.-Sept. | Blue, white | Rich moist soil; partial shade; back of border; display; cutting. [bloom.] |
| Alyssum, Hardy (Golden Tuft) | 12" | April-May | Golden yellow | Creeping, solid masses of color; excellent for low border or rock garden; remove old. |
| Anemone, Japanese | 30" | Sept.-Nov. | Various | Most graceful of late fall flowers; slight protection; excellent for both display and cutting. |
| Aquilegia (Columbine) | 18"-36" | May-June | Various | Full sun; beautiful for both display and cutting. Scott-Elliott hybrids. [dens.] |
| Arabis (Rockcress) | 10" | April-May | White | Widespread; excellent with Alyssum above; thrives in poor soil; edging; rock garden. |
| Asclepias tuberosa (Butterfly Weed) | 24" | July-Sept. | Brilliant orange | Thrives in dry, well drained soil; most brilliant orange perennial, deserving much wider use. |
| Aster, Hardy | 48" | Sept. Nov. | Blue, lavender | Several types, all excellent; light blue and lavender flowers good both for display and cutting; poor soil. |
| Astilbe, David | 60" | June-July | Pink, rose | Partial shade; moist soil; display; cutting; loose, plummy flower heads. |
| Balloonflower (Platycodon) | 24" | July-Nov. | Deep blue-white | Either sun or shade; prefers sandy, well drained soil; good display; excellent for cutting. |
| Bleedingheart (Dicentra) | 18" | April-June | Deep rose | Partial shade; any soil; plummy foliage; drooping, graceful flower spikes; border; cutting. |
| Bocconia (Plumepoppy) | 60"-70" | July-Aug. | Pinkish | Any soil; vigorous; spreads rapidly; rather coarse; needs abundant room. |
| Campanula (Bellflower) | 24"-36" | June-July | Various | Several types; best treated as biennials; flowers very attractive. |
| Chrysanthemums, Hardy | 30"-40" | Sept.-Dec. | Various | Good soil, full sun, winter protection; unequalled for late cutting and display. |
| Cynoglossum (Chinese Forget-me-not) | 18" | June-frost | Blue | Forget-me-not-like sprays of blue flowers during late summer; excellent; new. |
| Daisy, Shasta | 18" | June-Nov. | White | Prefers cool, moist soil; wonderful display of Daisy-like flowers; cutting. Alaska. |
| Daylily (Hemerocallis) | 30" | May-July | Yellow, orange | Good soil; prefers partial shade; superb display; good for cutting. [for cutting.] |
| Delphinium (Larkspur) | 36"-60" | June-Sept. | Blue, various | Easily grown from seed; wonderful new hybrid; best of all blue perennials; unexcelled |
| Dianthus (Hardy Pink) | 10"-18" | May-July | Pink, various | Easy from seed; several types; fragrant; free blooming; excellent cutting. New Types. |
| Digitalis (Foxglove) | 50"-60" | July-Sept. | Pink, various | Back of border; groups against wall or shrubs. |
| Doronicum (Leopardbane) | 30" | April-May | Orange | Well drained soil; full sun; Daisy-like flowers wonderful in masses; fine display; excellent cutting. [flowering.] |
| Evening Primrose (Oenothera) | 18" | July-Sept. | Primrose yellow | Excellent for exposed sunny location, or rock garden; well drained soil; continuous |
| Gaillardia (Blanketflower) | 24" | June-Nov. | Bronze | Grows easily from seed; very continuous flowering, fine for cutting. Portola and Portola Hybrids. |
| Geum | 15" | May-Oct. | Crimson, orange | Readily grown; fine for display; excellent for cutting, good for rock garden. Lady Stratheden; Opal. |
| Gypsophila (Baby's Breath) | 30" | June-Sept. | White | Full sun; successful in dry soil; 12" apart; plant near stiff-growing flowers; indispensable for cutting. Bristol Fairy. |
| Gypsophila, Creeping (<i>G. repens</i>) | 5" | July | Rose | Creeping plant; dry, sunny location; low border or rock garden. [cutting.] |
| Heuchera (Coralbells) | 12" | May-Sept. | Red, pink | Easy from seed; sun or shade; flowers on tall stems; excellent display; also dainty for |
| Hollyhock | 60" | July-Sept. | Various | Easy from seed; full sun; plant against wall or back of border; staking; dominates back of border; good for individual plants. Newport Pink. |
| Iberis (Evergreen Candytuft) | 10" | April-May | White | Easy from seed; hardy edging plant; rock garden. |
| Iris | 8"-30" | April-July | Various | Use several types to get succession of bloom; one of most satisfactory of all perennials; dry or moist soil. Mother-of-Pearl and Lord of the Lake. |
| Kniphofia (Torchlily) | 30" | Aug.-Nov. | Orange, red | Protect; take up north of Philadelphia; a flame in the late fall garden. |
| Lupine, Hardy | 36" | May-June | Blue, various | Easy from seed; does not need replanting; any soil; full sun; border; cutting. |
| Marshmallow (Hibiscus) | 60" | Aug.-Oct. | Pink, white | Easy from seed; moist soil preferable, and part shade; shrub-like growth; very bold display; 10" across; shrub border or back of perennial border. |
| Mistflower (Eupatorium) | 20" | Sept.-Oct. | Blue | Ageratum-like flowers on long stems; any soil; full sun; light winter protection; excellent for both border and cutting. |
| Myosotis (Forget-me-not) | 10" | May-Oct. | Delicate blue | Easy from seed; spreads rapidly; Dissitiflora for spring ground cover bulbs; Semper-florens good cutting. |
| Peony | 30" | May-June | Various | Sun or slight shade; deep soil preferable; in front of shrubbery border; some varieties fragrant. La Cygne. |
| Phlox (Garden) | 30" | June-Oct. | Various | Rich soil fairly moist; full sun; unexcelled for masses of color; cut old flower stalks. |
| Phlox subulata (Mosspink) | 5" | April-May | Various | Spreading habit, covered with bloom; any soil; full sun; border or rock garden; bright color display early spring. |
| Poppy, Iceland | 12" | May-Oct. | Various | April sown seed blooms first season; thin out; colorful ground cover; also cutting. |
| Poppy, Oriental | 30" | May-June | Orange | Brilliant display; need no replanting; easy from fresh seed. Olympia. [garden.] |
| Primula, Hardy (Primrose) | 10" | April-May | Yellow | Start like biennials; well drained soil; sun or part shade; color for early display; rock |
| Scabiosa (<i>S. caucasica</i>) | 20" | May-Oct. | Lavender | Rich soil; full sun; winter protection; unusual color; good cutting. |
| Stokesia (Cornflower-aster) | 18" | June-Nov. | Blue, white | Good from seed; sandy soil preferable; full sun; light winter protection; fine for border and for cutting. |
| Sunflower, Hardy | 50"-60" | July-Sept. | Yellow shades | Vigorous, somewhat rank grower; spreads rapidly; back of border or for individual plants; good for cutting. |
| Sweet-William (Dianthus) | 15" | June-July | Pink, various | Easy from seed; handle like biennial; full sun; fragrant; fine for border and cutting. |
| Thalictrum (Meadow rue) | 36" | May-July | Light pink | Moist but well drained soil; sun or part shade; graceful flowerhead; fair cutting. Dip-terocarpum. |
| Viola (Tufted Pansy) | 6"-8" | April-Nov. | Blue, yellow, various | Easy from seed; sun or partial shade, for every garden. Jersey Gem. |

HOUSE & GARDEN'S GARDENING GUIDE

BULBS (Spring Flowering)

| NAME | HEIGHT | SEASON | COLOR | CULTURE AND USE |
|------------------------------------|---------|-----------------|------------------------------|--|
| Tulips | 12"-36" | May-early June | Various except blue | Early type, single and double, best for solid bed; Mayflowering and Darwin type excellent for hardy border. |
| Narcissus (Daffodils) | 12"-18" | April-early May | Yellow, white | Effective in hardy border; dwarf sorts and species for naturalizing and rock gardens; new varieties with pink shades. |
| Hyacinths | 8"-15" | April-May | All | Just right for solid bedding; smaller sized bulbs give more graceful spikes for other uses; deliciously fragrant; try clumps in hardy border. |
| Crocus | 4"-6" | April | White, yellow, purple shades | Among the gayest of all spring flowers; plant in groups in front of hardy border or edge of shrubbery, not in lawn where foliage will be cut before ripening. |
| Scillas (Bluebells) | 6"-18" | March-May | Beautiful, pure, blue, white | Several types; plant some of each for succession; groups in hardy border or under shrubbery; excellent for naturalizing. |
| Grape Hyacinths (<i>Muscari</i>) | 6"-8" | April-early May | White and blue shades | These follow the Crocuses and belong in every garden; excellent for naturalizing; multiply readily. Heavenly Blue variety. |
| Fritillaria | 12"-36" | April-early May | Various | Several types differing widely; tall-growing Crown Imperials good for the border; dwarfier sorts good for naturalizing and rock gardens. |
| Snowdrop (<i>Galanthus</i>) | 6"-10" | In the snow | White | Dainty little bell-like flowers which ring in returning spring; sunny corner; light soil, mulch with peat to prevent mud spattering; naturalizing; rock gardens. Elwesi . |
| Iris (bulbous) | 18"-24" | Late May-June | Blue, yellow, various | Not quite hardy; protect with temporary frame or heavy mulch; well worth the trouble; several types; Dutch, Spanish and English blooming in order named. |

BULBS (Summer Flowering)

| | | | | |
|---------------------------------------|---------|------------|-------------------|--|
| Gladiolus | 24"-60" | July-frost | Infinite variety | Make succession plantings of early, medium and late sorts at intervals of 30 days for continuous bloom until freezing weather; Primulinus sorts especially fine for cutting, plant in groups at back of border or against evergreens for garden use. |
| Dahlias | 36"-70" | Aug.-Oct. | Various | Usually planted for cutting, but Single and Pompon excellent in gardens; pinch back for stocky growth; new single, Newport Wonder, glorious cutflower. |
| Cannas | 24"-48" | June-frost | Various | Excellent for color masses, especially at distance; splendid new varieties; good temporary screen or border line. |
| Begonias (Tuberous) | 12"-18" | July-frost | Various | Finest of all bedding plants for shaded situations; use peat or humus in soil; marvelous shades of color, various shapes; should be used much more generally. |
| Caladiums, Fancy-leaved | 15"-24" | | Various | Foliage plant with wonderful color tones and variation; tropical effect for veranda or semi-shaded corner; plenty of moisture. |
| Summer Hyacinth (<i>Hyacinthus</i>) | 48" | July-Sept. | Pure white | Numbers of bell-shaped flowers on tall spikes; striking, especially against green foliage; remove old spikes; new ones for many weeks; splendid flower; worthy of wider use. |
| Tritonia (Montbretia) | 36"-48" | Aug.-frost | Various | Hardier and much more graceful cousins of the Gladiolus; brilliant colors; excellent for border, landscape or cutting. |
| Oxalis | 6"-8" | June-frost | Yellow, various | Marvelously free flowering, gay colored little plants; excellent for edging; front of border, or in vases or hanging baskets. |
| Zephyranthes | 6"-10" | June-frost | Pink, white, rose | Dainty star or Lily-like flowers in continuous succession; sheltered spot in garden; or in tubs or pots for veranda; take up in north. |
| Hardy Lilies | 18"-80" | July-Sept. | Various | Well drained soil where roots will be shaded; mulch for winter. |

SHRUBS (Deciduous)

| | | | | |
|--|---------|-------------------|----------------------|---|
| Azalea (Varieties) | 2'-12' | April-July | Various | Like peaty soil; semi-shade; most brilliant flowering shrub of early spring; combines well with evergreens. |
| Barberry, Jap. (<i>Berberis thunbergii</i>) | 3'-4' | Berries in winter | Red autumn foliage | Most satisfactory informal hedge; also in groups and as individuals; new brilliant red leaved variety Atrapurpurea . |
| Buddleia (Butterfly bush) | 5'-7' | July-Sept. | Lavender | Graceful, spreading shrub; Lilac-like sweet scented bloom, always attracts butterflies; hardy, but herbaceous in north. |
| Chaste-tree (<i>Vitex</i>) | 4'-10' | July-Sept. | Blue, lilac | Aromatic foliage; most ornamental; best blue late flowering shrub; new low growing variety Macrophylla especially fine. |
| Cotoneaster | 1'-5' | Spring-winter | White, red | Splendid low growing shrub; white flowers followed by red or coral berries; excellent for foundation and rock garden. |
| Daphne (Garland Flower) | 18"-3' | March, Apr. | Red, lilac | Dainty, beautiful low shrub; excellent for foundation or rock garden; especially in sheltered location; often late autumn bloom. |
| Deutzia | 3'-8' | Spring-summer | White, pink | Rather slender, graceful shrub; excellent border, foundation planting or specimen; var. Pride of Rochester especially good. |
| Elderberry (<i>Sambucus canadensis</i>) | 5'-8' | July-Sept. | White | Fragrant white flowers followed by conspicuous black or purple berries; good for wine, new variety Pubens extra fine. |
| Flowering Almond (<i>Prunus glandulosa</i>) | 5'-15' | April-May | Pink, white | Shrubs or small trees with beautiful small flowers; double sorts; succeed almost anywhere; most ornamental. |
| Flowering Quince (<i>Cydonia japonica</i>) | 5'-8' | April-May | Scarlet | Extremely hardy; grows anywhere; flowers best in full sun; new pink-flowered form available. |
| Forsythia | 5'-10' | April-May | Golden yellow | Several varieties; both upright or drooping; hardiest early yellow flowering shrub; always satisfactory; border, foundation or specimen. |
| Highbush Blueberry (<i>Vaccinium corymbosum</i>) | 6'-8' | May | White | Excellent hardy shrub for picturesque effect; acid soil; pinkish white flowers followed by blue berries. |
| Honeysuckle (<i>Lonicera</i>) | | All season | White, yellow | Several shrubby or bush types, excellent for border or specimens, also banks; fragrant; fairly everblooming. |
| Hydrangea | 4'-10' | July-Sept. | White, pink, blue | Several types; smaller sorts good for foundation and border planting, larger for border and individual specimens. |
| Hypericum (Golden St. Johnswort) (<i>H. aureum</i>) | 3'-4' | June-July | Yellow | Neat shrub for border or foundation planting. |
| Japanese Maple (<i>Acer palmatum</i>) | 5'-10' | | Green, red shades | Extremely ornamental miniature tree; highly colored foliage; specimens; rock gardens; give somewhat sheltered location. |
| Japanese Snowball (<i>Viburnum tomentosum plicatum</i>) | 6'-10' | April-May | White | Spreading shrub covered with ball-like flowers; individual specimens or shrubby border. |
| Kerria (Globeflower) | 5'-7' | June-July | Golden yellow, white | Small golden or white globes in great profusion; border or individual specimens; best yellow for midsummer. |
| Mockorange (<i>Philadelphus</i>) | 8'-12' | June-July | White | One of best white flowering shrubs; border or specimens; new varieties, including Virginal . |
| Privet (<i>Ligustrum</i>) | 4'-15' | May-June | White | Several types; excellent for hedges; also flower prettily if allowed to grow naturally; excellent in border or as specimens, though seldom so used. |
| Red-osier Dogwood (<i>Cornus stolonifera</i>) | 8' | | Red | Valuable for blood-red stems, winter and spring; wet soil border, clumps especially in wet soil; remove old wood. |
| Rose | 3'-8' | Spring-summer | White, pink, red | Several species; extremely hardy; free flowering; excellent for banks, corners or in shrubby border; merits wider use. |
| Strawberry Shrub (Sweet Shrub) (<i>Calycanthus floridus</i>) | 6'-12' | May | Chocolate | Especially valuable for its delicious fragrance; fairly ornamental; good specimen; old-fashioned, but well worth planting. |
| Summersweet Sweetpepper Bush (<i>Clethra alnifolia</i>) | 6'-10' | July-Sept. | White | Excellent for shady location; stands moist soil; delightfully fragrant; desirable for cutting; neglected native shrub. |
| Sweetfern (<i>Comptonia asplenifolia</i>) | 2'-3' | | | Excellent for covering dry banks where little else will grow; Fernlike foliage deliciously aromatic; native. |
| Spirea | 4'-8' | May-Sept. | White, rose | Graceful, some drooping; for border, foundation planting or specimen; several types, all good; Prunifolia (Bridalwreath) is earliest to bloom; Tomentosa (Hardhack) latest. |
| Tamarix | 10'-15' | May-July | Pink | Especially for seashore planting; hardy to N. Y.; tropical, graceful, Fernlike foliage; flowers in plummy sprays; excellent background for rock garden. |
| Viburnum | 12'-10' | Spring-summer | White | Various types, all good, including some of best plants for individual specimens, also for border. |
| Witch-hazel (<i>Hamamelis</i>) | 5'-10' | Oct. Nov. | Yellow | Latest flowering hardy shrub; good under-shrub edge of wood; also in border, for rough corners. |
| Weigela | 6'-8' | July-Sept. | Rose | Good for border; conspicuous flowers, but rather coarse growth; Eva Rathke is best and freest blooming variety. |

HOUSE & GARDEN'S GARDENING GUIDE

TREES (Deciduous)

| NAME | HEIGHT | CHARACTER | USES AND REMARKS |
|---|----------|---|--|
| Beech (<i>Fagus</i>) | 50'-100' | Spreading, open growth; gray trunk, conspicuous in winter and spring; free from insects. | Good in groups or singly; Purple Beech and Weeping Beech especially good as specimens. |
| Birch (<i>Betula</i>) | 40'-100' | Graceful form; rapid growth; conspicuous trunk. | Effective either as specimens or combined with evergreens, but not long-lived. |
| Dogwood, Flowering (<i>Cornus florida</i>) | 12'-20' | Small tree with horizontal branches; clouds of white flowers in May; autumn coloring. | Good lawn specimen, especially near residence; a tree for every garden. |
| Elm (<i>Ulmus</i>) | 80'-120' | Most graceful of all large trees; any soil; fairly rapid growth. | Unexcelled for street planting, also for framing views or vistas; Chinese Elm is small sort, excellent for small grounds. |
| Flowering Cherry (<i>Higan</i> or <i>Jap. Cherry</i>) (<i>Prunus subhirtella</i>) | 20'-30' | Most beautiful of all flowering fruit trees. Pink and white form. | Specimens are especially effective near water or among evergreens. |
| Horsechestnut (<i>Aesculus hippocastanum</i>) | 12'-30' | Broad, spreading head; dense foliage; vigorous growth; grow anywhere. | Excellent shade tree for fairly large areas; falling leaves and nuts somewhat messy; beautiful in flower. |
| Honeylocust (<i>Gleditsia</i>) | 50'-100' | Rapid grower, extremely hardy; withstands drought; thorny and thorn-like varieties. | Quick results for hedge, screening, or fair shade; effective in bloom; good specimen. |
| Lilac (<i>Syringa</i>) | 8'-25' | Large shrub or small tree; unmatched beauty in bloom; fragrant; attractive all seasons. | Individual specimens; excellent for tall hedges or screens; hybrid varieties in somewhat sheltered position. |
| Linden (<i>Tilia</i>) | 80'-120' | Broad, pyramidal form with somewhat drooping branches, making a tent-like tree. | Excellent for shade or specimen. T. vulgaris quite fragrant in flower. |
| Magnolia | 20'-40' | Branching, open, small tree with conspicuous flowers. | Excellent as lawn specimen in somewhat protected position; white and pink forms. |
| Maple (<i>Acer</i>) | 30'-100' | Rapid growing; thrives in most soils; shade; good fall color. | Good quick shade tree, but not long-lived; often employed where Elm, Oak or Linden would be better. |
| Maidenhair Tree (Ginkgo) | 50'-80' | Unique; irregular form; unusual foliage; rapid grower. | Good for street planting or specimen; out of the ordinary, vigorous. Procure male trees, if possible, as others have disagreeable odor in bloom. |
| Mountainash (<i>Sorbus</i>) | 15'-25' | Irregular, open, small tree; attractive foliage; wonderful show of red fruit in autumn and winter. | Small lawn specimen, or very attractive near evergreens. |
| Oak (<i>Quercus</i>) | 30'-100' | Pyramidal or rounding with irregular horizontal branches; distinct character; fine autumn coloring; long-lived. | One of best permanent street, shade or specimen trees; varieties differ considerably; select carefully before planting. |
| Planetree (<i>Platanus</i>) | 75'-100' | Tall trees; irregular spreading branches; usually handsome, bold trunks, conspicuous as bark sheds. | Very rapid growing tree, shade and specimen; among most satisfactory of all trees; European type smaller than American. |
| Poplar (<i>Populus</i>) | 50'-125' | Broad, spreading form; attractive foliage; leaves shiny, usually in motion; not long-lived. | Best employed as temporary tree for quick results, in connection with slower trees to replace them. Lombardy Poplar especially good for quick formal effect. |
| Redbud (Judastree) (<i>Cercis canadensis</i>) | 20'-35' | Irregular growth; picturesque; conspicuous blossoms before leaves appear. | Excellent specimen, especially in naturalistic setting or in front of evergreens. |
| Sassafras | 25'-50' | Irregular, picturesque, ornamental with green bark in winter and golden in spring; excellent autumn color. | Specimens, groups or back of shrubbery border; much neglected American native tree; any soil. |
| Smoketree (<i>Rus cotinus</i>) | 15'-20' | Effective small tree with clouds of unique, purplish flowers in late May or early June; good autumn color. | A very attractive and out-of-the-ordinary specimen for lawn. |
| Tuliptree (<i>Liriodendron tulipifera</i>) | 80'-120' | Splendid, dignified pyramidal tree with attractive foliage and yellow-green, Tulip-like flowers. | Splendid for street, specimen or shade; magnificent tree deserving wider use. |
| Willow (<i>Salix</i>) | 40'-80' | Most graceful, large tree; very rapid grower especially in moist soil. | One of the most easily grown and decorative of all, especially near water; deserves place in almost any planting. |

TREES (Evergreen)

(Note: Remarks apply to species or types; there are dwarf forms, and varying shapes and colors in the catalog varieties.)

| | | | |
|---|----------|--|---|
| Firs (<i>Abies</i>) | 40'-75' | Stiff pyramidal form; horizontal branches, smooth bark, upright cones. | Avenue planting, specimens, windbreak; object to smoke or dust, prefer moist soil; handsomest young; picturesque, if not ragged, with age. |
| Spruce (<i>Picea</i>) | 40'-75' | Similar to Fir; somewhat more graceful; rough bark; cones pendant; branches often curved gracefully. | Like Fir, somewhat better under unfavorable conditions; wonderful hedge; great variety color tones. |
| Douglas Fir (<i>Pseudotsuga douglasii</i>) | 50'-100' | Much more graceful than either of the above; bluish green foliage; young growth beautiful; vigorous, healthy grower. | As above; one of the most satisfactory of the big evergreens; handsome small, magnificent full grown. |
| Hemlock (<i>Tsuga</i>) | 40'-80' | Most graceful of all evergreens; pendant branches, fine foliage; dark green, silvery beneath; retains gracefulness with age. | Individuals or groups; unsurpassed background for other plants or as clipped hedge; stands more shade than others. |
| Pine (<i>Pinus</i>) | 40'-80' | Bold trunk; horizontal branches; dignified and picturesque with age. | Will succeed in many locations where all above do indifferently; adaptable to all purposes; Scotch Pine fair substitute where White Pine cannot be grown. |
| Larch (<i>Larix</i>) | 30'-60' | Deciduous evergreen; very graceful; picturesque; healthy, rapid grower. | Good for summer shade, but admitting winter sunshine; Japanese effect; excellent background for rock gardens. |
| Baldcypress (<i>Taxodium distichum</i>) | 50'-100' | Well branched pyramidal form with extremely graceful, feathery light green foliage; attractive cinnamon bark. | Splendid specimen in normal or wet soil; hardy to Massachusetts; unappreciated native evergreen. |
| Arborvitae (<i>Thuja</i>) | 3'-20' | Pyramidal or globular habit; broad Fernlike foliage; American varieties hardy; oriental hardy to N. Y. or further where sheltered. | Many forms and color tones. Small gardens and foundation plantings; small individual specimens. |
| Juniper (<i>Juniperus</i>) | 2'-20' | Irregular; dense foliage; conspicuous blue or silvery berries. | Prostrate forms excellent for ground covers; narrow columnar for formal effect; both for foundation planting. |
| Redcedar (<i>J. virginiana</i>) | 30'-50' | Pyramidal form; fairly rapid growth; extremely hardy; successful on light, sandy soil. | Massed evergreen planting; specimens; dwarfier sorts, like Koster Redcedar, for foundation planting. |
| Yews (<i>Taxus</i>) | 3'-30' | Dense upright or spreading growth; darkest foliage of all evergreens; conspicuous red Cranberry-like fruit; prostrate and upright forms. | Groups, borders, and good for foundation; Hicks' Yew new, extra hardy upright. |
| Hinoki Cypress (<i>Chamaecyparis obtusa</i>) | | Extremely graceful; soft feathery foliage; hardy to New England. | Foundation planting; formal specimens; trim well. |
| Sawara Cypress (<i>Chamaecyparis pisifera</i>) (<i>Retinospora</i>) | 2'-20' | Many most beautiful plummy forms, especially Moss C. (C. p. squarrosa). | Great variety of forms and colors for foundation planting and in groups. |
| Lawson's Cypress (<i>Ch. lawsoniana</i>) | 20'-40' | Dense habit; distinct, drooping, tropical looking Fernlike foliage; hardy to N. Y. | Most outstanding and unique in texture of all hardy evergreens; always commands attention as a specimen. |
| Cryptomeria (<i>C. japonica</i>) | 15'-30' | Irregular habit; deep green foliage; bronze in winter. | Exotic specimen; excellent for rock garden, hardy to N. Y. |

SHRUBS (Evergreen)

| | | | |
|--|---------|--|--|
| Abelia, Glossy (<i>A. grandiflora</i>) | 6'-8' | Beautiful, smooth, glossy foliage; pinkish white Arbutus-like flowers, June-Nov. | Neat growth; splendid for foundation planting, border or specimen; hardy to Long Island, but not evergreen North. |
| Azalea (varieties) | 3'-6' | Brilliant flowers early spring. | Foundation planting; specimens in sheltered locations; partial shade; peaty soil, well mulched. |
| Barberry (Wilson's) | 2' | Dwarf growing; small yellow flowers followed by coral berries. | Use for border or foundation foreground; rock garden; new, excellent. |
| Box (<i>Buxus</i>) | 1'-12' | Extremely dense, thick growth; small shiny foliage; shears well. | Ideal edging and hedge plant; use dwarf type for former; peaty soil preferred; protected north of Long Island, N. Y. |
| Cotoneaster | 2'-6' | Upright or trailing; dense, irregular, bushy growth. | Groups; foundation planting; trailing sorts especially for rock gardens. |
| Daphne (<i>D. cneorum</i>) (Rose D.) | 18' | Beautiful fragrant pink flowers more or less throughout season. | Foundation foreground, rock garden; hardy but not easy to grow. |
| Evergreen Burningbush (<i>Euonymus japonica</i>) | | Broad, thick, shining leaves; dense rapid growth; shears to any size or shape. | Splendid for dense evergreen hedge, formal or informal specimen; hardy to Phil., protected location; excellent for seaside. |
| Firethorn (Evergreen) | 3'-4' | Low, branching, spreading; white flowers with conspicuous orange-red fruit. | Lelandi most vigorous variety. |
| Holly (<i>Ilex</i>) | 15'-25' | Bushy or tree-like growth, occasionally to 50'; scarlet berries on female plant. | One of the finest of all trees for lawn specimen; should be much more generally used; shade or sun; American Holly hardy to New England. |
| Inkberry (<i>Ilex glabra</i>) | 4'-6' | Narrow, bright shiny leaves; white flowers; ink-black fruit; sun or shade. | Group or foundation planting; fine, unappreciated native shrub. |

HOUSE & GARDEN'S GARDENING GUIDE

SHRUBS (Evergreen-continued)

| NAME | HEIGHT | CHARACTER | USES AND REMARKS |
|--|--------|--|---|
| Leucothoe (Drooping) (<i>L. catesbaei</i>) | 6' | Pendant creamy white blossoms and pointed leaves in long drooping sprays, coloring beautifully in autumn. | Excellent edging for Rhododendrons or evergreens; shady spot in foundation planting. |
| Mahonia (Oregon Hollygrape) (<i>M. aquifolium</i>) | 3'-6' | Heavy, spiny, shiny leaves; conspicuous fruit. | Good in border or foundation; sheltered from wind or hot sun. |
| Mountain Laurel (<i>Kalmia</i>) | 5'-10' | Irregular, picturesque growth; pointed shiny green leaves and brown bark; unsurpassed beauty when in bloom. | Excellent in shrub border; also for foundation; sun or shade; peaty, acid soil. |
| Pachysandra (Jap. Spurge) | | Spreading habit; dark green leaves; spikes of white flowers. May-June. | Most satisfactory evergreen ground cover for difficult shady spot where nothing else will grow. |
| Pieris (Mountain Andromeda) (<i>P. floribunda</i>) | 5'-6' | Beautiful, oval, pointed dark green leaves, making ideal background for sprays of tiny, white bell-like flowers in early spring. | With evergreens in border or in foundation planting; or under large evergreens. |
| Privet (Jap.) (<i>Ligustrum japonicum</i>) | 8'-10' | Heavy, shiny foliage; vigorous, healthy plant. | Border; group or hedge; L. lucidum also excellent; has pretty white flowers in May. |

VINES

| NAME | COLOR | CHARACTER | CULTURE AND USE |
|--|----------------------|---|--|
| ANNUAL | | | |
| Cardinal Climber (<i>Ipomea quamoclit hybrida</i>) | Brilliant scarlet | Deeply lacinated foliage; covered with bloom; tender; prefers warm, sandy soil. | Rapid grower for trellis and arbor; very striking; fair shade. |
| Hyacinth Bean (<i>Dolichos lablab</i>) | White, reddish | Quick grower to 10'; flowers in clusters. | Good shade or dense screen; may be started early, or plant outside with Lima Beans. |
| Japanese Hop (<i>Humulus jap. variegata</i>) | Foliage | Quick, vigorous, rank grower; distinctly variegated and white blotched green leaves; small green flowers. | Excellent for covering unsightly objects or rough corner. |
| Moonflower (<i>Calonyction aculeatum</i>) | Blue, white, pink | Large flowers; delicate colors; 25'. | Gates, trellises, arbors. Start indoors for early results; new early blooming type best for Northern States. |
| Purplebell (<i>Cobea scandens</i>) | Purple | Very ornamental grower with large purplish flowers; 15'. | Excellent porch vine; best started under glass; seed edge down; pot seedlings. |
| Morning-glory (<i>Ipomea purpurea</i>) | Blue, various | Quick growing to 15'; several types; stands dry weather; blooms freely. | Trellis or screen; best effect with named varieties to get desired color. |
| Scarlet Runner (<i>Phaseolus coccineus</i>) | Bright scarlet | Beans and flowers in small racemes; quick, vigorous growth; pods edible; fruit edible. | Quick, vigorous; will grow anywhere; climbs trellis or string; good screen or cover, fair shade. |
| PERENNIAL | | | |
| Ampelopsis (Virginia Creeper) | Foliage | Vigorous grower; climb or twine; hardy. | Lowi , form of Boston Ivy, more refined, is best hardy substitute for English Ivy. |
| Bittersweet (<i>Celastrus scandens</i>) | Orange-red | Hardy, native, rapid growing, twining vine, especially valuable for unique fruit carried into winter. | Naturalistic effect on trees, shrubs or walls. |
| Clematis (Virgin's Bower) | White | Graceful, rapid growing vine; attractive foliage, starry white flowers. | C. montana flowers in early spring. Trellis, arbor, summer house. |
| Dutchman's Pipe (<i>Aristolochia siphon</i>) | Foliage | Broad heart-shaped light green leaves and peculiar pipe shaped flowers. | Very dense shade or close screen; good over summer house, pergola, etc. |
| English Ivy (<i>Hedera helix</i>) | | Heavy glossy leaves; hardy to N. Y.; further north as ground cover. | Unsurpassed wall vine; actual protection as well as ornament; rich autumn shade; evergreen especially on ground. |
| Honeysuckle (<i>Lonicera</i>) | White, yellow, red | Persistent, twining vines, very fragrant flowers, blooming to frost. | Good veranda vine, also ground cover; evergreen tendency, especially Hall variety. |
| Trumpet creeper (<i>Bignonia radicans</i>) | Orange-scarlet | Rampant grower to 30'; twines or clings. | Naturalistic effect; grows anywhere; Grandiflora is large-flowered type. |
| Winter creeper (<i>Euonymus radicans</i>) | | Deep green foliage; conspicuous fruit; may be clipped; absolutely hardy. | E. r. vegetus good substitute for English Ivy; spray for scale. |
| Wisteria | White-lavender, pink | Vigorous, twining, grows to 50'; most picturesque of hardy vines; fragrant flowers in pendant clusters. | For pergolas, gates, veranda, especially where vines can run horizontally. |

PLANT MATERIAL FOR VARIOUS PURPOSES

FOUNDATION PLANTING

| EVERGREEN TREES | EVERGREEN SHRUBS | SHRUBS | PERENNIALS | BULBS & ANNUALS |
|---|--|---|--|---|
| Pfitzer Juniper Koster Redcedar Savin Juniper Juniper (various) Yews (various) Chamaecyparis (various) Dwarf Hinoki Cypress Dwarf Mugho Pine Dwarf Jap. Yew Dwarf Alberta Spruce | Rhododendron Hybrids Mountain Laurel Drooping Leucothoe Inkberry (<i>Ilex glabra</i>) Firethorn (<i>Pyracantha</i>) Mahonia (Oregon Hollygrape) Cotoneaster Japanese Spurge | Glossy Abelia Slender Deutzia Forsythia (var.) Spirea (var.) Hydrangea (low types) Nandina Flowering Almond Kerria Daphne | Ferns (var.) Dianthus Daylily (<i>Heimerocallis</i>) Sedum Saxifrage Doronicum Viola Jersey Gem Hollyhocks Dietra Yucca | Tulips Narcissus Crocus Narcissus species Begonia, tuberous Oxalis Summer Hyacinth Petunias Sweet Alyssum |

WINDBREAKS AND SCREENS

| EVERGREEN TREES | DECIDUOUS TREES | SHRUBS & VINES | PERENNIALS | BULBS & ANNUALS |
|--|--|--|--|--|
| Canada Hemlock Norway Spruce White Spruce Douglas Fir White Pine Scotch Pine Amer. Arborvitae Redcedar Chinese Juniper | Poplar, Lombardy Poplar, False Lombardy (<i>P. robusta</i>) Willow (various) Lilacs Gray Birch Honey Locust Amer. Hornbeam Carolina Buckthorn Box Elder Hackberry | Privet (various) Osage Orange Jap. Snowball Althea Forsythia Honeysuckle Jap. Euonymus | Boltonia Hollyhock Delphinium Foxgloves Hardy Sunflowers Marshmallow Rudbeckia | Ricinus Sunflowers Cosmos Cannas Dahlias (Climbing) Japanese Hop Scarlet Runner (and others) |

HOUSE & GARDEN'S GARDENING GUIDE

PLANT MATERIALS FOR VARIOUS PURPOSES (*continued*)

HEDGES

| EVERGREEN TREES | EVERGREEN SHRUBS | SHRUBS | PERENNIALS | ANNUALS & BULBS |
|---|---|--|--|--|
| Canada Hemlock Parsons Arborvitae American Arborvitae Upright Japanese Yew English Yew Spreading English Yew | Tree Box Canada Yew Dwarf Box Firethorn, Leland Wintercreeper (var.) Honeysuckle (evergreen) Jap. Euonymus Privet (Evergreen var.) | Privet (various) Jap. Barberry Wilson Barberry (low) <i>Cotoneaster rotundifolia</i> Hawthorn Thorn (various) Jap. Quince Mockorange Rugosa Rose Spirea, Van Houtte | Hollyhock Bocconia Delphinium Aster Chrysanthemum Yucca | Kochia Nasturtium Snapdragon Clarkia Celosia Gypsophila Nicotiana Dahlia, Pompon Tritoma Heliotrope |

EDGING

| | | | | |
|---|--|--|---|--|
| (<i>In front of larger varieties</i>) Globe Redcedar Chinese Juniper (dwarf vars.) Prostrate Juniper Creeping Juniper Waukegan Juniper Squamata Juniper Arborvitae (dwf. vars.) Chamaecyparis (dwf.) Yews (creeping vars.) | (<i>In front of larger varieties</i>) Andromeda (var.) <i>Azalea amena</i> Azalea, Hinodigiri Daphne Inkberry Drooping Leucothoe Cotoneaster, Prostrate Mahonia Firethorn (<i>Pyracantha</i>) Euonymus (var.) Japanese Spurge | Dwarf Box Box Barberry Dwarf Privet Cotoneaster (vars.) Dwarf Bush Cranberry Dwarf Mockorange Anthony Waterer Spirea Fortune Spirea | Goldentuft (Alyssum) Rockcress (Arabis) Candytuft (Iberis) Mosspink (Dwf. Phlox) Dwarf Iris Primrose Sedum (various) English Daisy Pansy Viola | Alyssum Ageratum Petunias <i>Phlox drummondii</i> Portulaca Lobelia Verbenas (spreading) Oxalis |
|---|--|--|---|--|

BORDERS

| | | | | |
|---|--|--|---|--|
| White Pine Colorado Spruce Balsam Fir Blue Colorado Spruce Redcedar, various Chinese Juniper, various Chamaecyparis, various Yews, various (especially pendant or "weeping" forms.) | Rhododendron (var.) Mountain Laurel Carolina Kalmia Azaleas Abelia Cotoneaster Holly (<i>Ilex</i>) (var.) Glossy Wintercreeper Nandina | Forsythia Mockorange Russian Olive Flowering Almond Spirea Deutzia Kerria Viburnum (var.) Honeysuckle (var.) Weigela Azaleas | Anemone Jap. Aquilegia Aster Campanula Larkspur Phlox Iris Gaillardia Coreopsis Erigeron Dianthus | Larkspur Lupine Snapdragon Santa Barbara Poppy Cosmos Blue Laceflower (<i>Didiscus</i>) Narcissus Tulips Crocus Scilla Lycoris (Hardy Amaryllis) Tritonia (<i>Montbretia</i>) |
|---|--|--|---|--|

GROUPS

| | | | | |
|--|---|--|---|--|
| Engelmann Spruce Canada Hemlock Redcedar Chinese Juniper Arborvitae Pfitzer Juniper Koster Redcedar Juniper (in var.) Yews (in var.) | Abelia Kalmia Cotoneaster, Prostrate Euonymus (var.) Mahonia Wintergreen Barberry Warty Barberry Privet Honeysuckle (<i>pileata</i>) (last three hardy to Phila.) | Spirea, Van Houtte Forsythia, Weeping Deutzia, Slender Barberry (various) Cotoneaster (various) Rose (species, esp. <i>Hugonis</i>) Dwarf Mockorange Dwarf Cranberrybush | Hollyhock Marshmallow Aster Aster Delphinium (esp. Hollyhock-flowered) Foxglove Japanese Iris Lilies Kansas Gayfeather (<i>Liatris</i>) Campanula Tritoma | Helianthus (Sunflower) Gypsophila Evening Primrose Celosia Statice Grasses (also those under <i>Border</i>) Gladiolus (<i>Primulinus</i> var.) Dahlias (Pompon & Single var.) Tuberose Summer Hyacinth |
|--|---|--|---|--|

SPECIMENS

| EVERGREEN TREES | DECIDUOUS TREES | SHRUBS | PERENNIALS | ANNUALS & BULBS |
|---|---|--|--|---|
| Nikko Fir Nordmann Fir Blue Colorado Spruce Koster Blue Spruce Limber Pine Carolina Hemlock Sargent Weeping Hemlock Lawson Cypress Lobb Cryptomeria Tall-growing evergreens and weeping "forms" in general | Purple Beech Weeping Beech Cutleaf Birch Weeping Mulberry Babylon Willow Dogwood (<i>Cornus florida</i>) English Hawthorn Holly (var.) Redbud | Azalea Magnolia Flowering Cherry Flowering Quince Flowering Almond Bechtel Crab Forsythia; Weeping Spirea, Van Houtte Abelia, Glossy Tree Box | Peonies Aconitum (esp. Sparks and Wilson's) Boltonia Bocconia Anchusa (Opal) Butterflyweed Aster (<i>tataricus</i>) Aster (<i>moerheimii</i> and new giant var. like Salland and Prof. van der Weilen) False Indigo (Baptisia) Yucca Mullein (See also preceding list.) | Lavatera Ricinus Schizanthus Amaryanthus Coleus Mexican Poppy (<i>Argemone</i>) Abutilon Lantana Eremurus Caladium (Elephant's Ears) <i>Musa ensata</i> |

ROCK GARDENS

| DWARF EVERGREENS | EVERGREEN SHRUBS | PERENNIALS | ANNUALS | BULBS |
|---|---|--|--|--|
| Dwarf Jap. Cypress Dwarf Norway Spruce Dwarf Alberta Spruce Globe Redcedar Dwarf Mountain Pine Dwarf Swiss Stone Pine Dwarf Jap. Yew Arborvitae (dwarf var.) Juniper (dwarf var.) | Daphne Dwarf Box Creeping Mahonia <i>Azalea amena</i> and others Cotoneaster (several var.) Box Huckleberry Heather (sev. var.) Lambkill Laurel Myrtle Rhododendron Cowberry (vaccinium) | Candytuft (Iberis) Goldentuft (Alyssum) Amer. Columbine Dwarf Alpine Rockcress Dianthus (small types) Coralbells (Heuchera) Perennial Flax (Linum) Mosspink (Dwf. Phlox) Primula (various) Sedum (various) Viola Iris (dwarf types) Thyme (creeping) | Alyssum, dwf. Blue Woodruff Miniature Cal. Poppy Gypsophila, Wall <i>Lobelia gracilis</i> Nemophila Stonecrop, Blue (Sedum) Portulaca Viola Iceplant Sand Verbena Anagallis | Tulip, species Narcissus, species Narcissus Cervantes Narcissus W. P. Milner Crocus, species Scilla, various Grape Hyacinth Snowdrop Snowflake Pasqueflower Fritillaria (dwf. sorts) Oxalis |

HOUSE & GARDEN'S GARDENING GUIDE

PLANT MATERIALS FOR VARIOUS PURPOSES (continued)

SWAMP, BOG and WATER GARDENS

| EVERGREENS | DECIDUOUS TREES & SHRUBS | PERENNIALS | ANNUALS & BULBS | WATER PLANTS |
|---|---|---|---|---|
| Amer. Arborvitae Bald Cypress Sweet Magnolia (<i>M. glauca</i>) Azalea, Swamp and others Inkberry Bog Kalmia Bog Rosemary (<i>Andromeda</i>) Leatherleaf (<i>Chamaedaphne</i>) | Willow Sour Gum (Tupelo) Waterlocust (<i>Gleditsia</i>) Swamp Maple Swamp White Oak Red Birch Buttonbush Summersweet (Sweetpepper Bush) Blueberry Black Alder Winterberry (<i>Ilex</i>) | Meadowbeauty (<i>Rhexia</i>) Pitcherplant Cardinalflower Globeflower Bog Aster Eupatorium Marshmallow Myosotis Cowslip Iris (Blue Flag and Yellow Flag) Sea Lavender Meadowrue Meadowsweet Gentian (Solitary) Pink Gerardia | Myosotis Lavatera Mimulus Sweet Pea Verbena <i>Musa ensata</i> Pansy Daffodils, <i>Poeticus</i> type Lily, swamp var. Caladium Callas Iris, bulbous (must be well drained soil.) | Hardy Nymphaea Tender Nymphaea Nelumbium (Lotus) Giant Arrowhead (<i>Sagittaria</i>) Cattail (<i>Typha</i>) Waterpoppy Water-hyacinth Pickerelweed Sweetflag (<i>Acorus</i>) Cyperus |

ACCORDING TO CHARACTER

TALL

| EVERGREENS | TREES | SHRUBS | PERENNIALS | ANNUALS | BULBS |
|---|--|---|---|--|---|
| Spruce Fir Douglas Fir Hemlock Pine Bald Cypress Cedar of Lebanon | Tulip Tree Elm Beech Maple Oak Ginkgo American Plane | Sweetshrub Hydrangea (tall var.) Smoketree Highbush Cranberry Whitefringe Border Forsythia Pearlbush Privet (various) Tamarix | Bocconia Hollyhock Delphinium Foxglove Boltonia Valeriana Campanula | Sunflowers Cosmos Larkspur Snapdragons (Giant) Stocks Celosia Amaranthus | Eremurus Hardy Lilies Cannas Dahlias Gladiolus Tuberose Summer Hyacinth Caladium (Elephants' Ears) |

MEDIUM HEIGHT

| EVERGREENS | TREES | SHRUBS | PERENNIALS | ANNUALS | BULBS |
|--|--|--|--|---|---|
| Redcedar Chinese Juniper Arborvitae Chamaecyparis Cryptomeria Yew, upright forms Holly Rhododendron | Jap. Maple Birch Amer. Redbud Lombardy Poplar European Plane Tree Honeylocust Larch Mountain Ash Magnolia Pin Oak | Azaleas Jap. Quince Red-osier Flowering Almond Juneberry Hydrangea (low var.) Deutzia (var.) Forsythia (var.) Mockorange (var.) Spirea (var.) | Anemone, Jap. Aquilegia Campanula Chinese Larkspur Iris (various) Gypsophila Phlox Hardy Chrysanthemums | Calendula Clarkia Candytuft Balsam Larkspur Scabiosa Marigold Zinnia | Tulips Daffodils Scillas Iris, bulbous Fritillaria (<i>imperialis</i>) Ismene Begonias (Tuberous) Caladium (Fancy) |

LOW-GROWING

| EVERGREENS | TREES | SHRUBS | PERENNIALS | ANNUALS | BULBS |
|---|--|---|---|--|--|
| Juniper, spreading forms Yews, spreading forms Arborvitae Tom Thumb and other dwarf and globe varieties Chamaecyparis Mountain Laurel Drooping Leucothea Pygmy Spruce (Also see Rock Garden list) | Flowering Dogwood Chinese Redbud Jap. Tree Lilac Flowering Fruit Trees Hawthorn Jap. Snowball (<i>Styrax</i>) Sumac (<i>Rhus</i>) Sassafras | Azalea (<i>mollis</i>) Daphne (<i>mezereum</i>) Barberry, Jap. Kerria Hypericum Rugosa Rose Weigela Thunberg Spirea Waterer Spirea Deutzia <i>gracilis</i> Dwarf Mockorange | <i>Campanula carpatica</i> Carnation, Hardy Sweet William Iris, Dwarf Poppy, Hardy <i>Phlox subulata</i> Primula Sedum | Alyssum Ageratum <i>Phlox drummondii</i> Portulaca Torenia Tagetes Lobelia Nemophila Verbena Zinnia (dwarf) | Tulip, species Hyacinth Crocus Grape Hyacinth Snowdrops Glory-of-the-Snow <i>Fritillaria meleagris</i> Zephyranthes Oxalis |

FORMAL TYPE

| EVERGREENS | EVERGREEN SHRUBS | TREES & SHRUBS | PERENNIALS | ANNUALS | BULBS |
|---|---|---|---|--|--|
| Column Chinese Juniper Italian Cypress Irish Yew Swedish Juniper Hill Dundee Juniper Spiny Greek Juniper Globe Arborvitae and other dwarf horticultural forms of smaller evergreens. | Box (tree) Box (dwarf) Barberry, Julian Jap. Euonymus Azaleas and others may be clipped to formal shape. | Poplar, Lombardy Poplar, False Lombardy Poplar, Volga Lombardy Catalpa, Umbrella Weeping Jap. Maple Hardy Orange Azaleas Abelia and others may be clipped | Astilbe Asphodel Bishop's Weed Rose Campion <i>Campanula pyramidalis</i> Foxglove Hollyhock <i>Lilium superbum</i> Compassplant (<i>Silphium</i>) | Ageratum (Blue Ball) Kochia Summer-fir (<i>Artemisia</i>) Celosia <i>Nicotiana sylvestris</i> Marigold (dwarf) Salvia (Scarlet Sage) Lavatera | Hyacinth Double Early Tulips Single Early Tulips Amaryllis Lycoris Cannas Dahlias Gladiolus (Large flowered type) Hardy Lilies (various) |

INFORMAL TYPE

| EVERGREENS | EVERGREEN SHRUBS | TREES & SHRUBS | PERENNIALS | ANNUALS | BULBS |
|--|--|---|--|---|--|
| Redcedar Arborvitae Chinese Juniper Pfitzer Juniper Chamaecyparis Most of the large-growing evergreens—Firs, Spruces, Hemlocks, Pines, etc. | Box Azaleas (various) Andromeda Inkberry Drooping Leucothoe Privet, Evergreen (var.) Rhododendron } young plants Mountain Laurel } plants | Abelia Mockorange Azalea Deutzia Forsythia Hydrangea Most other shrubs Most of the large trees such as Maple, Beech, Elm, Linden, etc. | Boltonia Coreopsis Dianthus Pyrethrum Gaillardia Scabiosa Sweet Rocket Veronica | African Daisy Asters Begonia Calliopsis Gaillardia Marigold Salpiglossis Schizanthus | Tulips Narcissus Crocus Scillas Grape Hyacinths Iris, bulbous Zephyranthes Gladioli (<i>Primulinus</i>) |

PICTURESQUE TYPE

| EVERGREENS | EVERGREEN SHRUBS | TREES & SHRUBS | PERENNIALS | ANNUALS | BULBS |
|---|--|--|---|--|--|
| Limber Pine Umbrella Pine Scrub Pine Koster Redcedar Hick's Yew Dwarf Jap. Yew Waukegan Juniper Squamata Juniper Sargent Juniper Larch, Jap. | Holly Firethorn Cotoneaster <i>Daphne cneorum</i> Mahonia Rhododendron } old plants Mountain Laurel } plants | Ginkgo Hornbeam Ohio Buckeye Dogwood, Flowering Thorns (various) Varnish Tree Sassafras Indigobush Blueberry Winged Euonymus (<i>E. alatus</i>) Wax Myrtle | Aquilegia Artemisia Euphorbia Kniphofia (Tritoma) Sedum, various Seapink Statice Yucca | Ricinus Celosia Nigella Euphorbia Physalis Prickly Poppy (<i>Argemone</i>) Portulaca Spiderflower Iceplant | Tulip, species Narcissus, species Snowdrop Troutlily Cypripedium Ranunculus Anemone Tigridia Gladiolus, species Gladiolus, ruffled & lacinated Snake Palm (<i>Amorphophallus</i>) Tritonia (Montbrieta) |

(Continued on page 200)

FIRST STEPS TOWARD A CITY PLAN

Before the Actual Work Upon A City Plan Is Undertaken

Thorough Preparation Is Most Essential

CHEWING gum, soft drinks, peanuts! Glaring yellow and red posters shrieking cheap wares at you from every corner! Dingy, traffic congested streets that are too narrow, other streets going who knows where or why, public sidewalks overhung with unsightly swinging signs—all this and more. Vivid stagnation!

In how many of our average American cities of today do we find communities that are moving slowly along, following the line of least resistance, letting well enough alone until living becomes unbearable? When that time comes the chances are that a protesting populace packs its goods and chattels and moves to greener, newer fields.

It is the new city in America that has the opportunity of starting off on the right foot with a city plan on which to build from the beginning, and so avoid the errors of those towns which have grown without any sense of plan or direction. But even in the older cities situations that have seemed almost hopeless have been rescued from utter chaos by the adoption and execution of a city plan prepared after a thorough

and exhaustive survey of the local needs.

When a community awakens to its need for directed growth and expansion its first step is the bringing together of prominent citizens, or property owners, as a citizens' committee or a City Plan Committee. This committee works for the creation of a City Plan Commission which is to be a distinct part of the municipal government vested with authority to carry forward regional

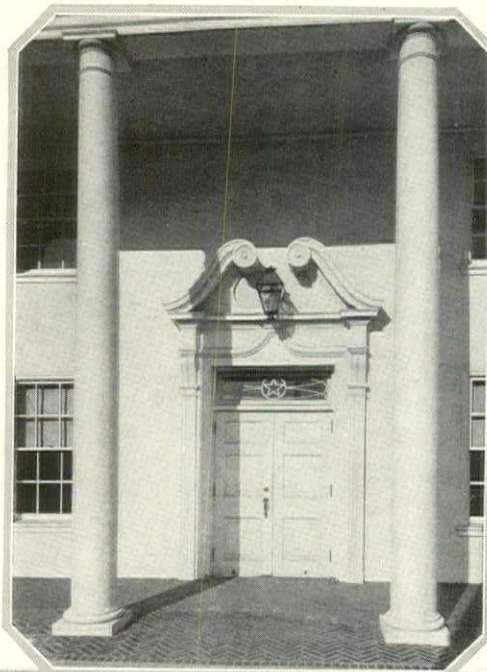
development plans. In the beginning it is necessary to have appointed an executive and a staff competent to start the educational and promotional work of the city plan.

The original citizens' committee, representing the property owners of the city, shall of course have its president or chairman, with a board of directors, advisedly small in number, and a headquarters which will be a clearing house for information to the public and to the City Plan Commission when it is organized.

Most important in the beginning, and all through the execution of the plan, is the education of the local public to the need of a plan of growth for their city. At first it might seem that the expense of such a plan is putting an unwarranted burden on the city. This fallacy is exposed by the investigation of conditions in cities where a plan has been carried out. Investigations have shown that property owners are protected and their property increased many times in value by such planning. Industries, business houses and residents will more

(Continued on page 142)

By their buildings, organizations can aid in beautifying a city. The American Legion Post at Mt. Kisco, New York, is an example of what may be accomplished in this way

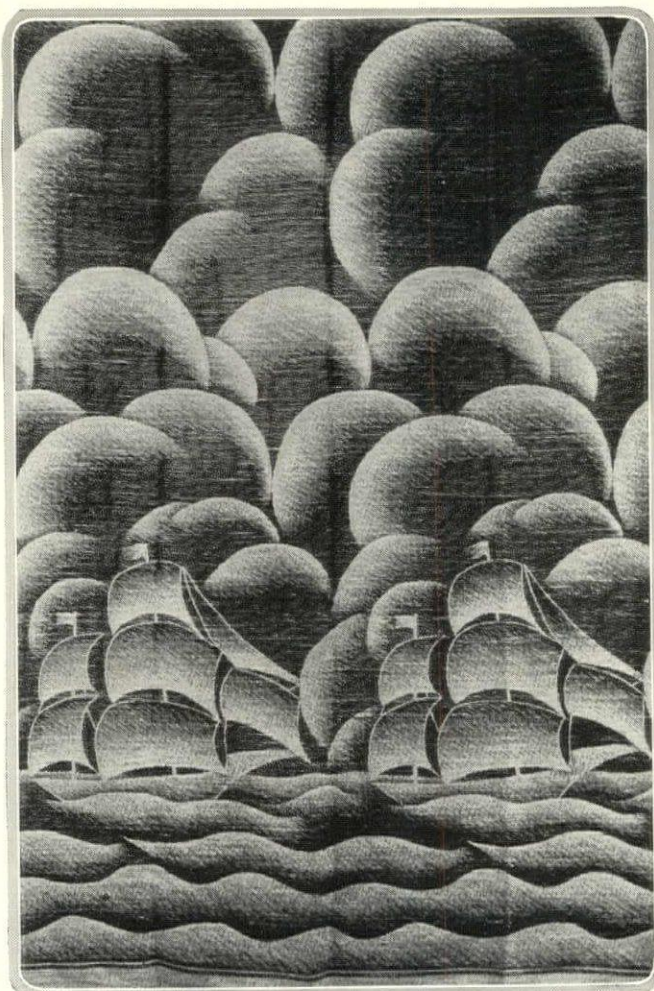
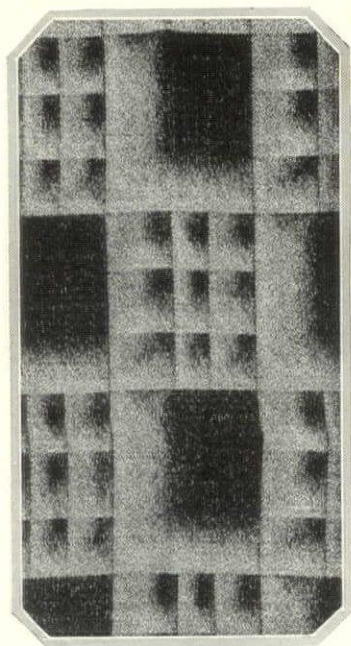


Just enough in the way of dignified decorative elements have been introduced on the exterior to relieve the monotony of harsh structural lines. John R. Larkin, architect



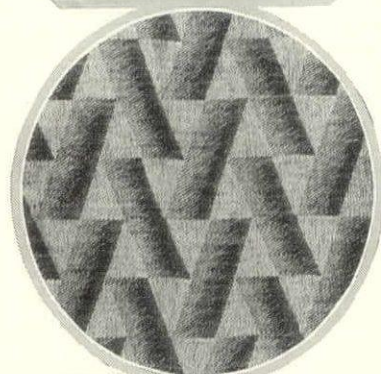
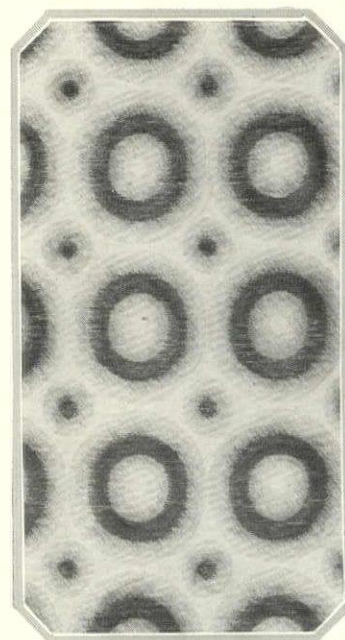
Nyholm

A skyscraper design on a silvery gray background is suggestive of the city. It is woven in harmonizing shades of tan and brown



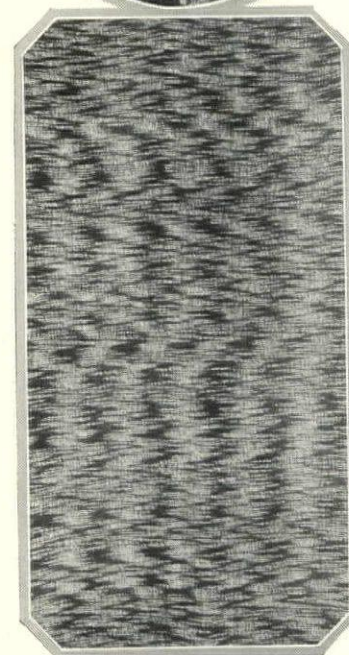
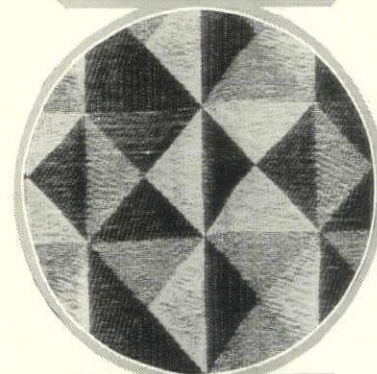
These clouds and ships come in panels each of which is two yards long. They form a bold modern interpretation of an old motive, effectively woven in tones of black, brown, tan and gray

The mechanical age is reflected by discs in ombré effects against a gray background. They are of green, eggplant and orange hues

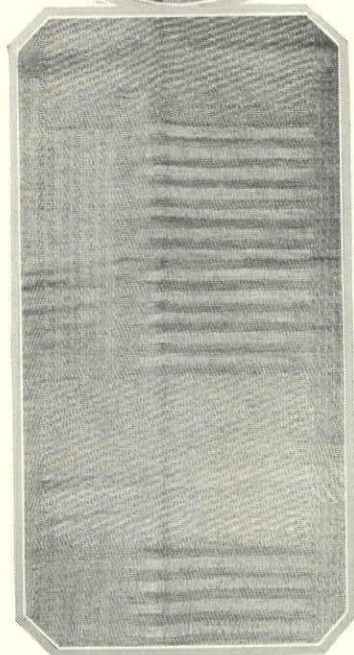


FABRICS WITH A MODERN FLAVOR

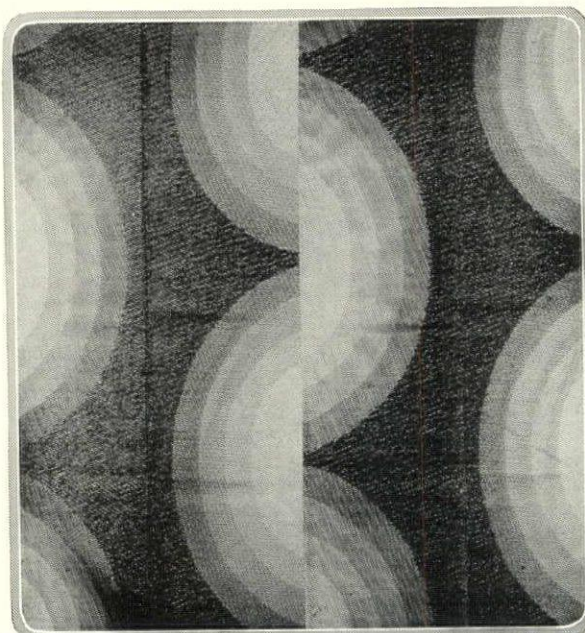
The large, semi-circular shaded effects below are in henna, green and brown against a silver background. Like all the others on this page, they were designed by Paul Rodier. Frankl Galleries



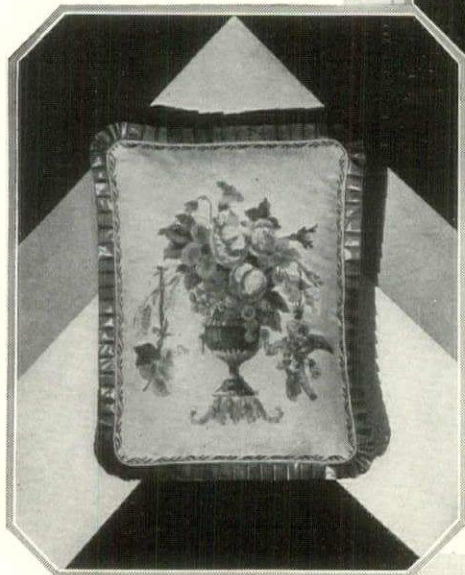
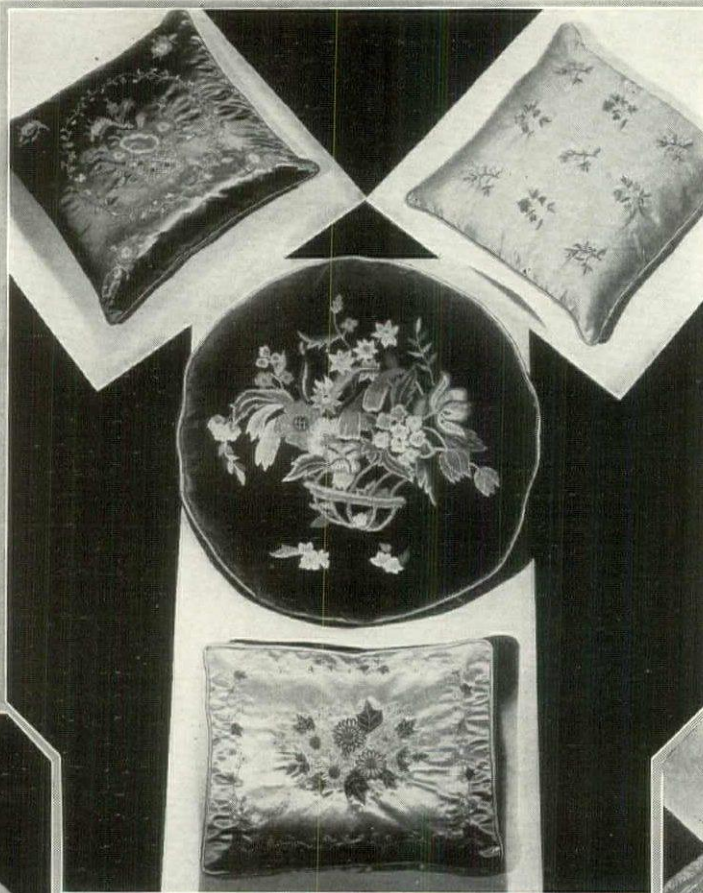
(Center, above) Diamonds form a bold geometrical pattern woven in shaded effects of brown, tan and gray. The fabric below it seems charged with electricity—browns and grays



(Center, above) Shaded oblong blades done in green, tan and brown against a silvery background. Below them, a faint all-over pattern in shades of green, apricot and brown rayon



Crewel embroidery enhances these three quaintly patterned satin cushions of maroon, gold and pale green as it does also the circular green velvet floor cushion. Designs are taken from old samplers and other museum pieces. Lenox Hill Studio

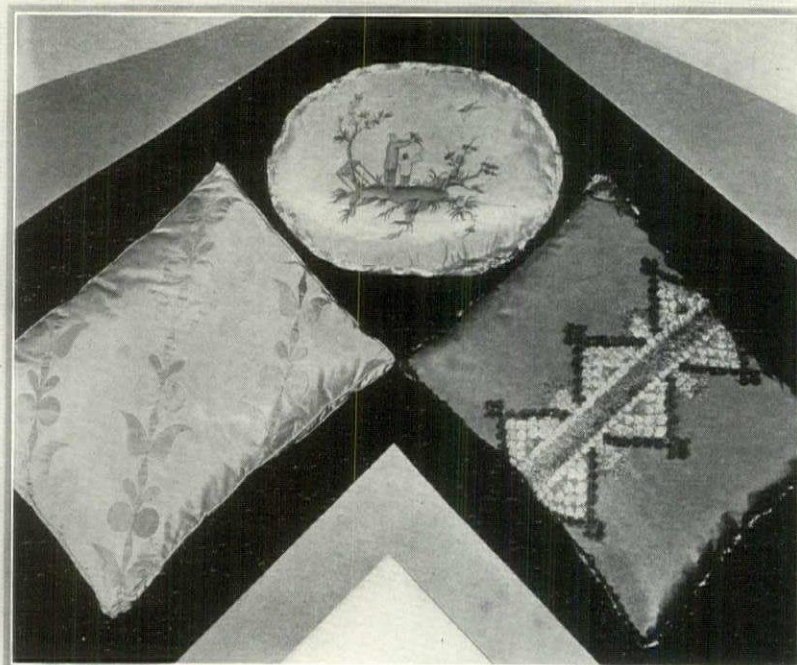


White

COMFORTABLE AND COLORFUL PILLOWS

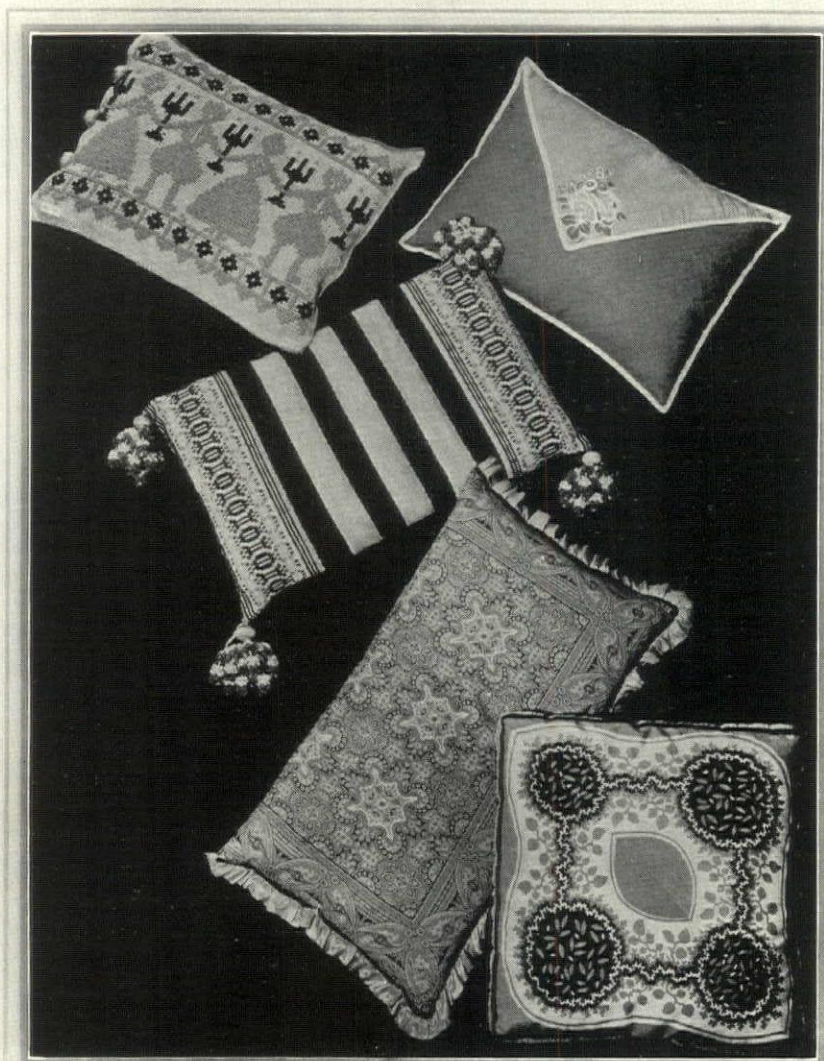


Glazed chintz lends itself well to this pillow suitable either for the boudoir, the sunroom or the morning room. Against a pale tan ground stands an urn filled with brightly colored flowers and fruits. Chintz Shop



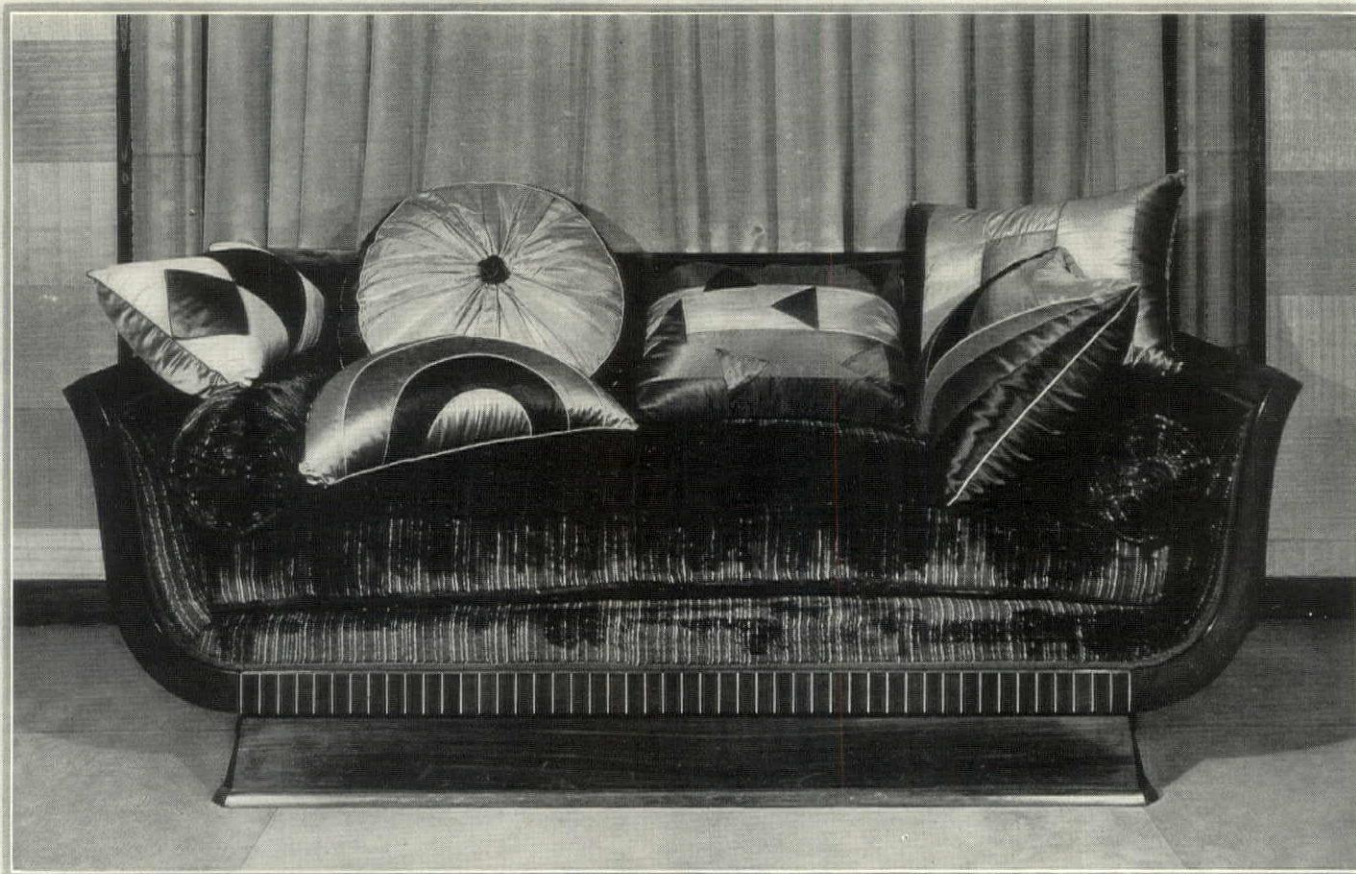
A soft gold couch-end pillow displays a galleon design in Trapunta quilting. This intricate pattern shows up beautifully and is but one of a great number of lovely designs that may be seen at the shop of Eleanor Beard

Each pillow of this group has an individual virtue to recommend it: the yellow taffeta, lavender appliques; the small oval, a hand-painted Japanese scene; the third, Italian tufting. Guild of Needle and Bobbin Crafts



Decorative and amusing are pillows inspired by gaily colored French peasant handkerchiefs, of either the bandanna or Paisley variety. Italian embroidery on crash in striking color combinations is very handsome, too. Pillow Shop

Especially effective are the soft shades of apricot, tan, biscuit, gold, rose and gray which blend beautifully in these luxurious modernistic pillows of taffeta and silk in geometric patches and novel shapes. R. H. Macy



The GARDENER'S CALENDAR for MARCH

This Calendar of the gardener's labors is planned as a reminder for taking up all his tasks in their proper seasons. It is fitted to the climate of the Middle States, but may be made available for the whole country if,

for every one hundred miles north or south, allowance is made for a difference of from five to seven days later or earlier in the time of carrying out the operations. The dates are for an average season

FIRST WEEK

WITH the advent of March comes the beginning of real garden work. Even though the days be blustery and the chill of winter still lurks in the air, one knows that real spring is just around the corner and that there are many duties to be performed—if, indeed, any outdoor garden activities could be looked upon as duties thus early in the season!

Among the first things to attend to is the pruning of Rose bushes. The risk of winter-killing is practically over, and whatever cutting needs to be done had better be finished before growth starts. The pruning shears will quickly remove all dead wood and serve to shorten the live. Remember that blossoms are borne only on wood of the coming season and that pruning is aimed to encourage the formation of this new growth. Weak-growing bushes need to be cut back more severely than their stronger companions.

A general clean-up of the grounds is in order, too, concluding with a lusty bonfire of twigs, dead stalks, leaves and all manner of litter which is the inevitable aftermath of winter even on a small place.

While you are at work around the grounds, give a thought to locations for two or three more nesting boxes for wrens, bluebirds and the few other species that will take advantage of such homes. The birds will soon be arriving from the South and everything should be ready when they get here. Fairly secluded and cat-proof sites are the most likely to attract tenants.

As far as actual planting of seed is concerned, little can be done outdoors thus early in the month. In the house, however, all the flats should be at work starting annual flower seeds and those of vegetables such as Tomato, Lettuce and Peppers.

SECOND WEEK

WHEN the last snow has vanished and the surface of the ground has dried out a bit it is time to rake the lawn thoroughly and give it a light top-dressing of good loamy soil over which fine bonemeal is to be thinly scattered. Even though the turf may have been good last year, this annual replenishing of the materials on which the grass roots feed ought never to be omitted. The best of lawns will fail unless it is properly maintained.

This week, too, unless the season is very backward, the cane fruits, climbing Roses and any other plants that have been laid down for the winter can be uncovered and returned to their places on trellis or arbor. If left down too long there is likelihood of growth starting when the canes are not in position to support it. When tying of the canes needs to be done, use strips of strong cloth rather than twine, and do not fasten them too tightly lest their growth be hampered.

Frequently, about this time in the month, a spell of unseasonably warm weather tempts the unwary gardener to start outdoor planting far in advance of the normal time for it. Perhaps once in a dozen years you can "get away with" such things, but the chance is too slight to be recommended.

Such a foretaste of real spring goes far toward drawing the last of the frost out of the ground, and thereby hangs another opportunity for garden work which ought not to be overlooked. The egress of frost produces a heaving action in the soil which is dangerous to small plants, so no time should be lost in firming down such small fellows as have been loosened. The rock garden is particularly likely to suffer in this way and will repay a thorough going-over.

THIRD WEEK

IT is a great help to the spring-sown lawn if the grass gets a good start before the dry weather which is quite likely to come in May. As a means of assuring such a favorable beginning the seed ought to be sown early—about the third week in March. Grass seed will germinate and grow in surprisingly cool weather; in fact, if the situation is well sheltered from wind and open to the sun, the planting can sometimes be done even earlier than this. When sowing, broadcast the seed from two directions, for more even distribution, and choose a quiet day for doing it.

The planting of most kinds of nursery stock, evergreen as well as deciduous, ought to be done as soon as the frost is out of the ground. Such a plan will minimize losses, for the work will be finished before the new growth starts. Firm the soil well around them.

Speaking of frost, its early spring-time action often does surprising things. One of these is the raising of deep-lying rocks which last year were below the level of cultivation. It follows that early vegetable garden preparation ought to include spading to the full depth of any subsequent cultivation, in order to reach and remove these invaders from farther down. Of course, ground that has been well worked for years is not subject to this condition, for after a while all the stones that the frost can reach will have been removed.

The disappearance of soil frost, too, clears the way for the first outdoor seed sowing—that of the Sweet Peas. These seeds can hardly get too early a start, for they like cool weather and deserve a chance to make plenty of deep root growth before the advent of hot days and dry soil.

FOURTH WEEK

BOTH classes of Peas—the garden varieties as well as those grown for their blossoms—benefit by very early planting. Soil and weather conditions which would rot most seeds are the Peas' delight and enable them to lay the foundation for a long and successful life. More than this, early planting means earlier yield, which is the ultimate object, after all. A good plan is to make the planting trench about five inches deep, cover the seeds with two inches of soil, and fill in as they grow.

With the exception of the Peas, outdoor seed planting had better be deferred until the soil has dried sufficiently to enable you to dig and rake it into a well pulverized condition. To work soggy soil, especially in the spring, is to fill it with lumps and clods which, as they dry out, will make tough going for young rootlets.

By this time, as a rule, the frost is almost or quite out of the ground, so removal of the winter mulches from the flower borders and other plants can begin. The wisest plan is to take them off gradually, making two or three bites of the cherry, so to speak, over a period of several days. This will result in a safe "hardening" of any young growth that may have appeared above ground. The discarded mulch usually makes a good soil improver that is worth digging in.

After the coverings are off the hardy border and the locations of the plant clumps can be determined, a general application of fine bonemeal is an excellent plan. A single handful to each fair-sized plant is a good average. The pulverized bone ought to be worked into the upper inch or two of soil with rake or a hand weeder. The grade known as "flour" is the most readily available to the plant roots.

OLD DOC LEMMON Says—"Whee-ee! By gol, I sure am glad to git away from all thet yappin' 'bout winder curtains an' chiny teapots an' such like truck thet I've been listenin' to ev'ry month on The Bulletin Board fer the last five-six years! Makes me feel purty near like a kid to look around this here page an' find thet I'm back ag'in among flowers an' trees an' manure heaps an' garden peas an' all them real kind o' things thet are wuth more'n all the fancy lace do-jiggers in the world. Mebbe I'll even hear a hoss whinnyin', one o' these days!

"The p'int is, I reckon, thet the things I like most are them whut's growed natural-like—not them thet some slick city feller hes hed made

in a fact'ry. There's so much in the world nowadays thet's arteeficial thet a man gits a turrible hankerin' fer things whut ain't been all trimmed up by a barber, as ye might say.

"So I'm glad to git back here where I can breathe the old country smells an' chaw a straw an' listen to Birchy Holler Brook tumblin' over the Falls. Won't hev to worry no more 'bout trackin' in mud on the parlor floor, an' nobuddy won't kick when I set down to dinner in my shirt-sleeves, like a man should. I never did care much, anyhow, fer folks thet kept their shoes shined an' their coats on, an' by gol, I hope I never will!"



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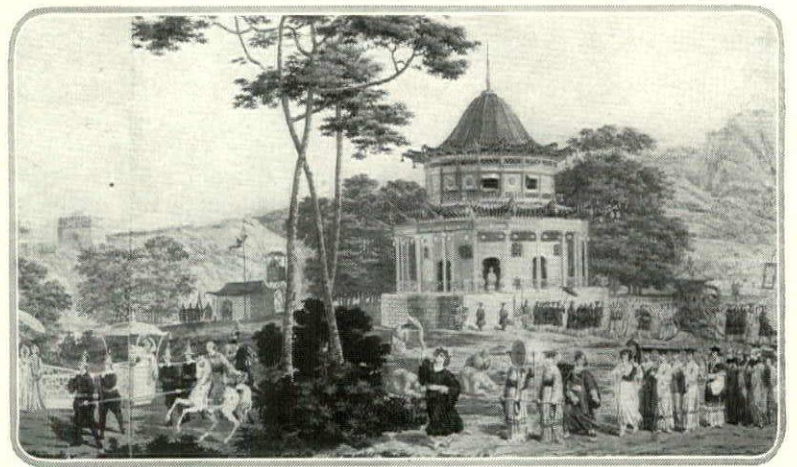
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This original old paper, showing scenes of a religious celebration, comes in small strips pasted together until a dimension of forty-five feet is reached. It comes in shades of light and dark gray.
Courtesy of John J. Morrow, Inc.

WALLS IN STORIED PAPER

(Continued from page 97)

The great series of early American scenes make a fitting background to furniture in the Federal taste—the luxurious Sheraton, Hepplewhite and Duncan Phyfe pieces of our forefathers. Against a paper that shows French rustic scenes or scenes in French history one will usually prefer to use the furniture of provincial France.

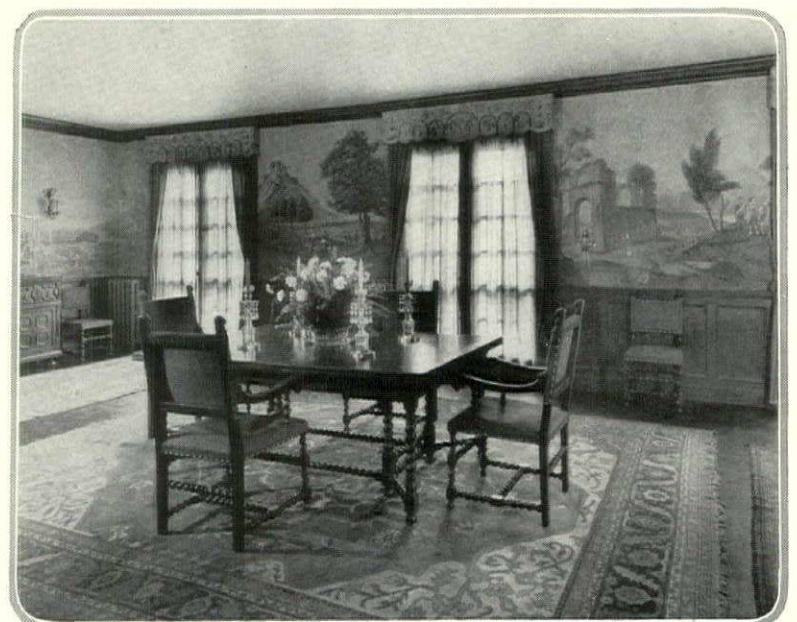
From some color in the paper itself will be chosen a tint or tone suitable for painting the woodwork of the room in which this type of storied paper is used. Another spot of color will suggest the color for lampshades and pillows. Still another will give some hint for the general tone of curtain fabrics and rug. Thus—a pale blue or green may be chosen for woodwork, tones of henna, red and yellow for the hangings, lacquer red for the accessories and pictures and a combination of these in the rug.

Hitherto it has been supposed that when one had such lively colors on the walls the hangings and rug should be neutral and patternless. This we are realizing is a mistake. Too great a contrast will accent the background of

the room too much, throw up these pictured papers into too great relief. After all, the effect of such papers is to give the semblance of distance and space to a room; they should be able to stand the competition of figured linen or chintz curtains and upholstery and figured floor coverings. As will be seen in the illustrations, the rugs are generally Orientals or Chinese, rich in pattern and color.

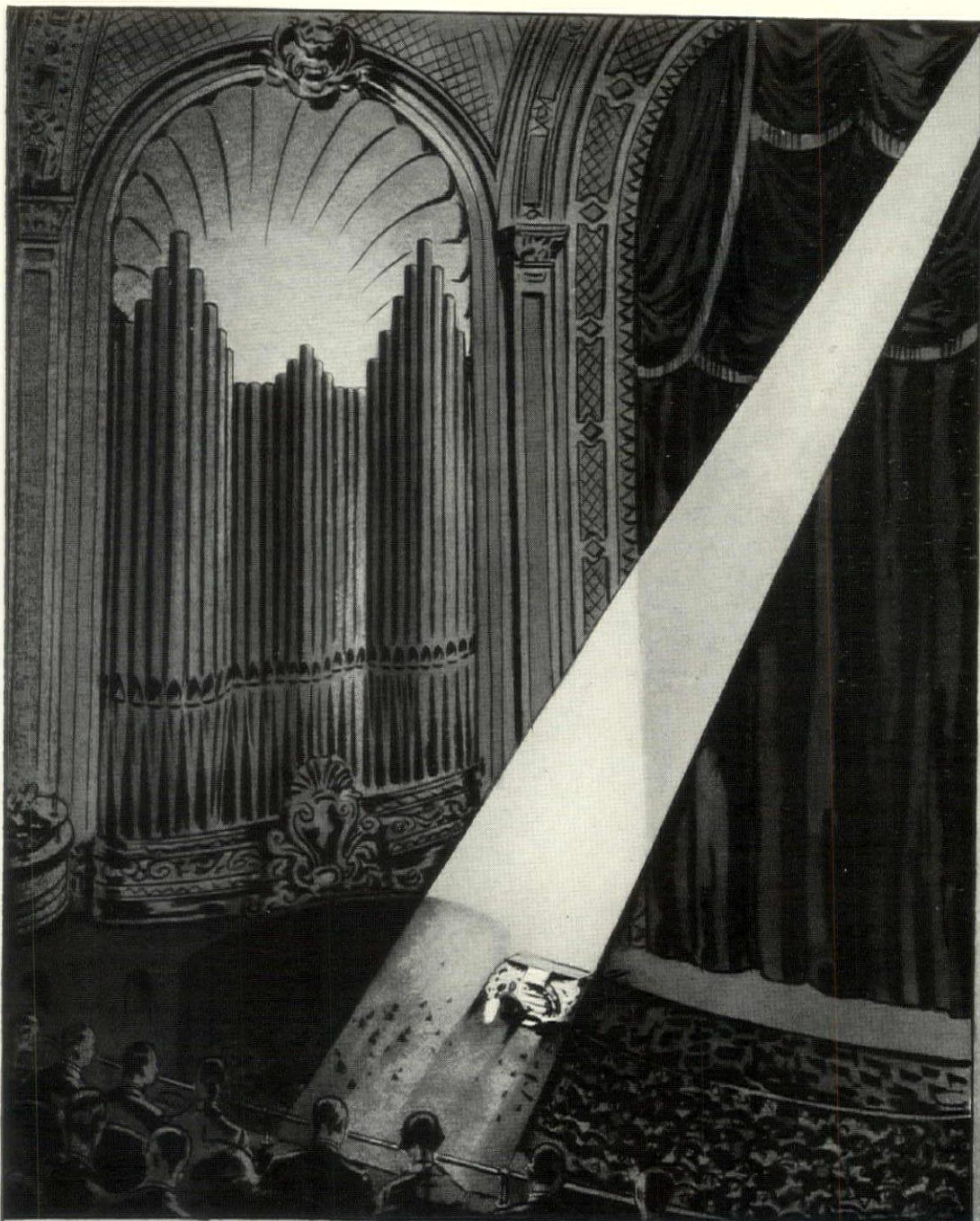
In the use of these scenic papers one must be careful to have the side lights so placed that they do not break into important parts of the picture. In fact, the fixtures should be placed on woodwork wherever possible. But if they must be placed on the paper itself the design should be delicate—preferably crystal—so that they do not silhouette too heavily against the scene.

Many of these papers come in sets of definite sizes, and consequently they have to be fitted to the room, that is, the surrounding trim must be built to accommodate them. When the room is small only one or two panels will be used. The scale of the paper depends on the scale of the room.



"The Three Musketeers," a 19th Century French painted paper, is in the dining room of George R. Hedges, at Westbury, L. I. Woodwork was constructed to accord with the paper. W. O'Connor, architect; Nancy McClelland, Inc., decorator

Hewitt



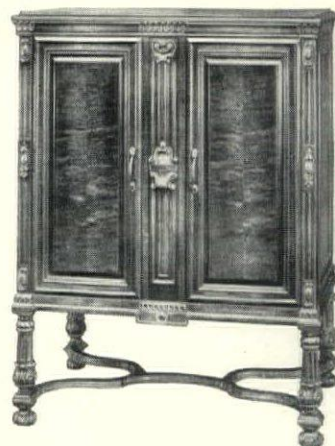
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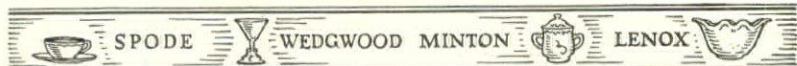


A FAINT tremolo in the upper register, like a cry from afar, deepening into a rumble of vibrant, majestic chords. Under the deft touch of a master-hand, a great instrument is weaving its spell. Like something human, it runs the gamut of emotion, from low-voiced despair to stentorian triumph. You are thrilling to pipe-organ music—in *your own home!* . . . You almost *see* the giant pipes, rising like the facade of some cathedral . . . you readily picture the fingers of the organist gliding over the keys and manipulating the stops, so amazingly lifelike is reproduction through the Orthophonic Victrola and the new Orthophonic Victor Records. . . . Don't be without this versatile entertainer. You could not make a better investment in sheer happiness. See your Victor dealer at once and arrange for a demonstration *in your home*.

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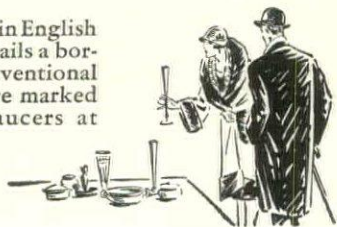
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The sun porch in the home of C. A. Durand, Hempstead, L. I., has a red tile floor, green ceiling, stick willow furniture painted yellow and upholstered with bright linen and check cotton. Helen Novak, decorator

COLORFUL AND CHEERY SUN ROOMS

(Continued from page 104)

In France this new note of color has found its way into the most modest and inexpensive furnishing. In London, the passerby has often been cheered by the strong note of color seen in many windows, as if to counteract the mouse-color that dirt and time have left on the street façades. In these countries, the primary colors seem to have supplanted in interior decorating the pastel shades of the 18th Century, and the uncertain and negative combinations of the cautious 19th. Of course, in the Mediterranean countries, the pendulum has not swung so far, since they have always painted their surroundings in the higher key

of color demanded by their brilliant skies and their glaring sunshine.

In America, where we have realized the possibilities for color in the sun room, we have found that the severe brick walls of the first sun rooms had to be tempered with trellis work and attendant outdoor motifs. Then later, the rough plaster finish proved more stimulating, since it called for mural decorations to add gaiety. The introduction of arcades, niches, fountains, now play almost as large a part as do the formal gardens which help tie the residence to the surrounding grounds.

In one of the sun rooms illustrating (Continued on page 136)



In the residence of F. S. Salmon, Fairhaven, N. J., the deep cream walls form a background for draperies in black, gold, henna and green, under curtains of gold gauze, and for teakwood and wicker furniture, all of which reflect the glow of sunlight. Barton, Price & Willson, decorators

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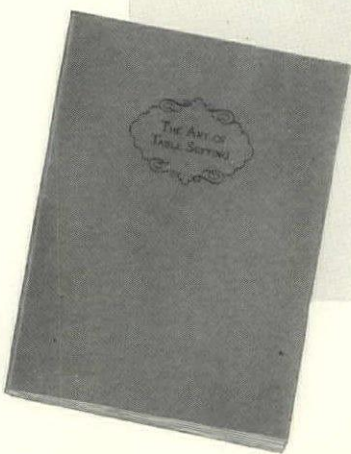
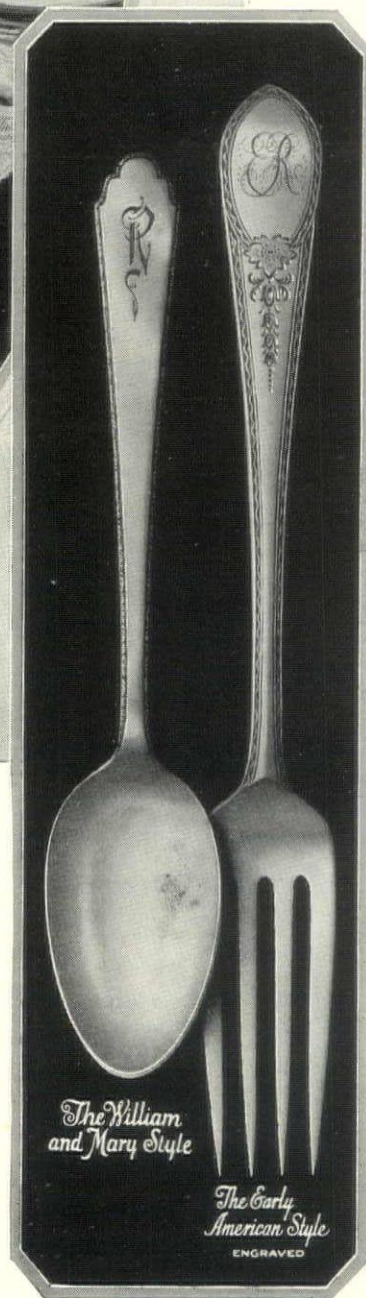
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It is to the more discerning woman, perhaps that «Treasure» appeals. Her quick sense of the niceties of table appointment extends to a very real understanding of the why and wherefore of *design* in silver.

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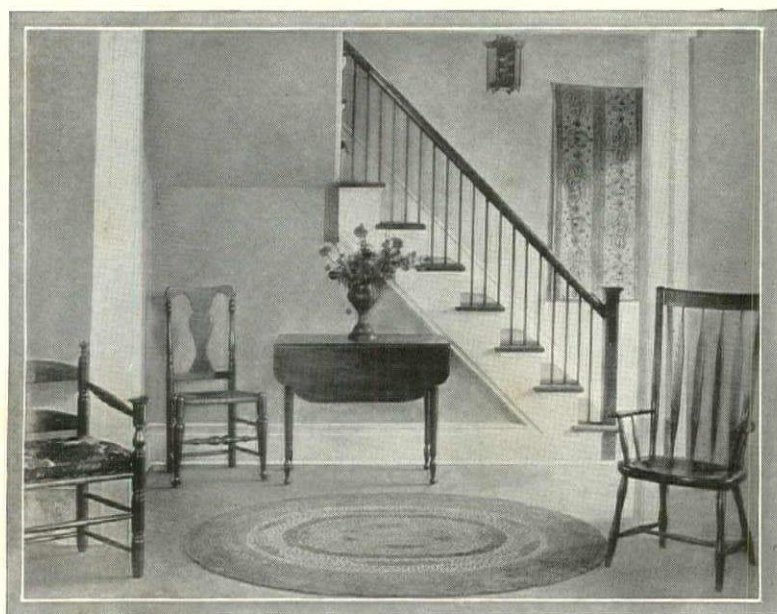
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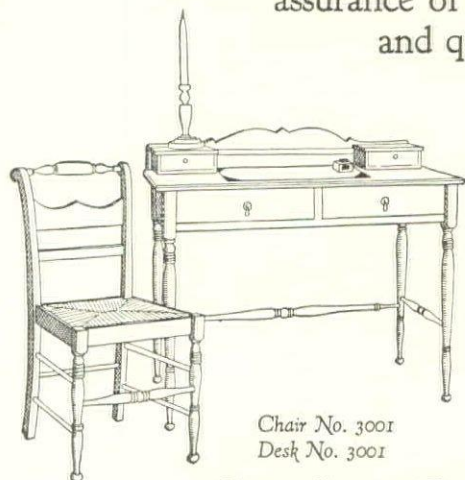
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durable, charming



Photograph shows part of Wagon seat No. 3032, Side chair No. 4013, Pembroke table No. 3038, Chair No. 7006

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A comfortable sun room has been created on this enclosed porch. Brick walls, red tile floors and Pompeian pink ceiling, with blue-green wood trim are notes of color. Jessica Boss, decorator

COLORFUL AND CHEERY SUN ROOMS

(Continued from page 134)

this article sky of the landscape, in tempera, set into an arch—brings interest to the side wall, hitherto neglected. The blue sky of the painting and the old paper screen designs accent, in a deeper note, the sky blue in which the ceiling is painted. In this room, a two-toned blue linen damask is made the dominating material in color. With this a chintz of blue and browns with copper-colored flowers and a touch of green ties together those other colors used on smaller furniture—the stripe of yellow and green and the larger one of red, green and yellow. All these combinations are decided by the size of the room and the variety of furnishings. The pieces are in a simple, rather rustic style, in fruit woods and painted wood; some are Italian, some Directoire, some French, but all are in the lighter 18th Century modes. Another photograph shows the Directoire motif in prominence.

In such rooms, two colors alone would prove monotonous, so we can make a gay blending, say of pale green glazed chintz, and its large white flowers and blue leaves, with the deep burnt orange of one material and the stripes of yellow, deep blue and red of some other coverings.

When a sun room wall is seen in definite connection with the architecture and colors of the house, the walls should follow that architecture and color. Thus stone color is sufficiently neutral for many such rooms. Often the plaster can be colored cheerfully. For instance, one room built like an inner court, between two wings of a house, was made gay with apricot colored walls. In another the room was required as an escape from too

great a glare of sunlight, so the walls themselves were painted a soft apple-green, the curtains are a thin changeable blue and green material which give the effect of light seen from under water. The complementary color is apricot. A little yellow—with bits of lacquer red in small areas—brings gaiety without creating too garish a color scheme for the cool effect which is desired.

A modest little Inn at Amboise might be reproduced for a sun room. All one side is glass windows with jambs and trim painted a tulip green. Tulip yellow are the thin glass curtains and yellow and green the furniture. Against the rough white plaster walls, a foot wide green trellis frieze runs. At cross section to this and at every six foot interval, the band of trellis is brought down on the side wall to the height of small hanging wooden baskets, holding vines, while iron candlesticks fastened to these supply the lighting for the rooms. This room gives on a gay court, where the doors and window trim are in sky-blue, charming under the fresh gay skies of France. This could be adapted to our more comfortable intimate sun room, done for the simpler home. For in all types and degrees of our architecture, the sun room now finds its place—a thing apart from the European winter garden or the conservatory.

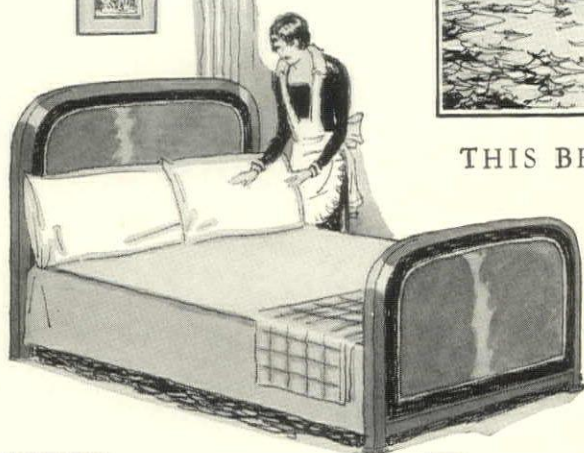
Whatever the scale on which they are to be built, these rooms must serve this new need of simplicity and light-heartedness typified by them. And they must express rest and cheer and create a retreat from the fever and uneasiness which are characteristic results of our manifold interests today.



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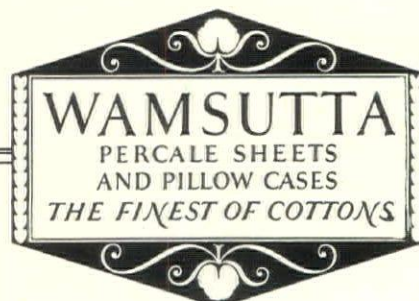
There you can enjoy golf, bathing, riding, or fishing all day long and know that when night comes the most comfortable of beds awaits you

with the caressing smoothness of Wamsutta Percale sheets and pillow cases to make "A heaven on earth for a weary head."

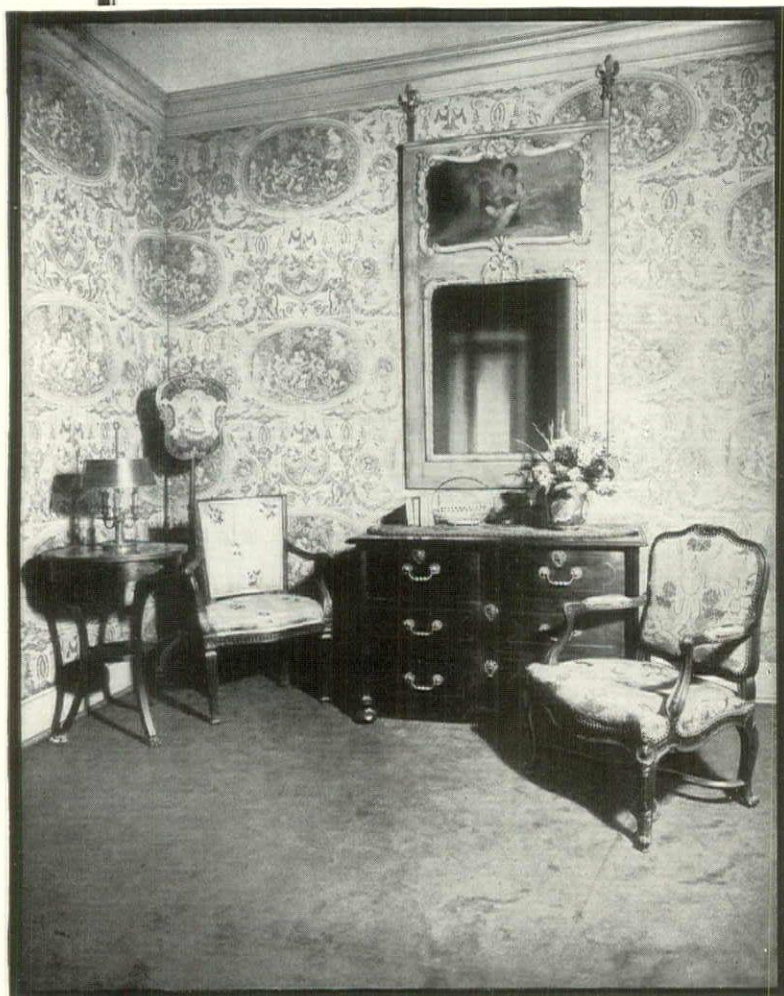
If its guests run true to form, we shall soon be getting letters asking where they can buy sheets like those at the Chamberlin-Vanderbilt. And we, of course, shall say in reply: "The same fine quality of Wamsutta Percale can be bought in almost every good department store in the United States."

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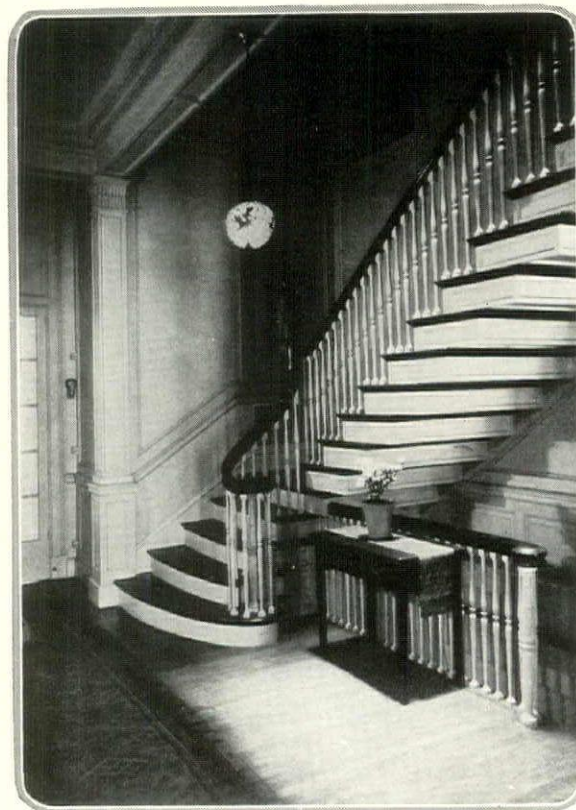
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Practical and economical is the method of placing one staircase above another to keep space loss at a minimum. The stairway in the home of Thomas R. White, Philadelphia. Edwards & Hoffman, architects

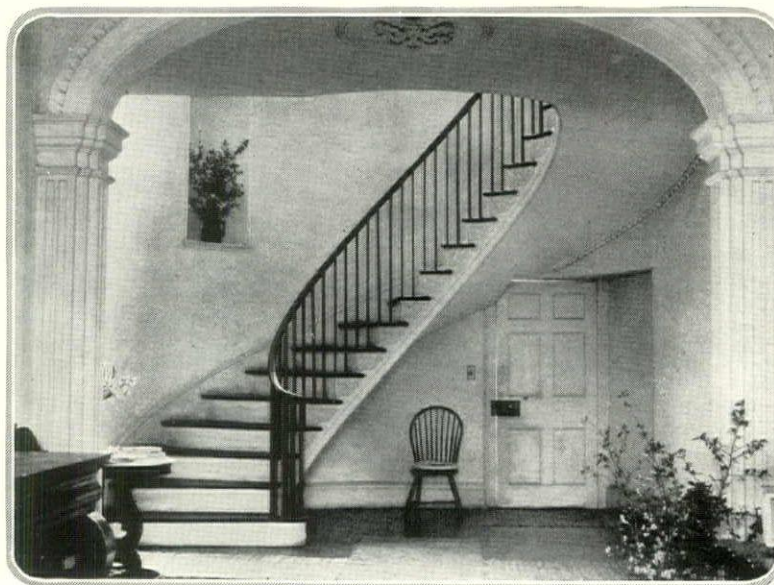
THE STAIRWAY AS A FEATURE

(Continued from page 91)

Elizabeth and James was a period of architectural activity in England. Renaissance teachings were stirring as ideas from Italy filtered in, and the English architects followed those of Italy in emphasizing the stairway's importance. In England it assumed what was often great width, with many square landings. Balustrades were of a form often highly intricate, and the newels, which were very numerous, made much use of the popular "bulbous" form, all this worked out in the elaborate and frequently heavy and cumbersome designs which characterized the architecture

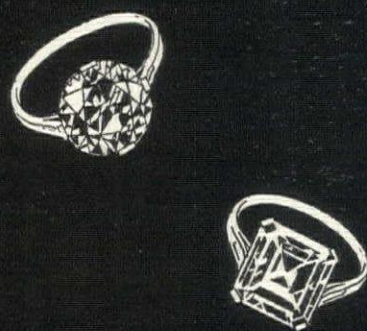
as well as the furniture of the period. In later types of English architecture the stairway was developed in various ways, always in keeping with the character of the building of which it formed a part. Thus during the Queen Anne and William and Mary period, when fashions—architectural and otherwise—from Holland were much in vogue, the English staircase embodied many small details reminiscent of the Flemish Renaissance, while during the long Georgian era, when English architects studied anew the spirit of antiquity and brought to a

(Continued on page 140)



Stowell

This exceedingly attractive winding stairway is in a Georgian residence at Clinton, Georgia, built in 1819. It is now the home of Dr. Frank Jones



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THE STAIRWAY AS A FEATURE

(Continued from page 138)

higher development the forms of English architecture, the stairway was given the utmost grace, refinement and subtlety; then there were developed those very slender and extremely graceful stairways which we associate with the name of Adam—"thin," perhaps, and often more than a little attenuated, but quite in keeping with the character of the architecture, which above all else was graceful and light.

In the designing and planning of the modern house the architect, while paying due and proper attention to the "detailing" of the stairway, makes little or no attempt at following the particular variety which has been developed for use with each of the historic periods of architecture, probably because centuries ago all the different styles or types came into more or less common use with architecture of all periods. Much more likely is the architect to choose the particular kind of stairway which can be used most advantageously and economically, and then adapt his designing and detailing to meet the requirements of his plan.

STAIRWAY TYPES

Broadly considered, there might be said to be four types of stairways in general use today, all four types having also been in use for centuries:

(1) The stairway placed in the most inconspicuous position possible, generally being made to run straight up between two walls.

(2) A stairway attached to a wall at one side but open at the other, and made to ascend in one straight "run" from floor to floor.

(3) Stairways closely resembling those of the second type, but turning, generally in an opposite direction, part way up.

(4) The so-called "circular" stairway, much used in England during the later Georgian or Adam period, and often copied with beautiful results in America during the later Colonial and early Federal periods.

The stairway of the type first mentioned has, of course, been in use from time immemorial—from the days when a stairway was regarded as merely a means of reaching one floor from another, and up to the period when the architects of the Renaissance realized that much might be done with the designing of this feature. It is of course the most economical of all types, and doubtless this accounts for its use during all periods and for its use to some extent today. It occupies but little of the square foot area of a building, and, since it rarely or never has banisters, its construction is of the simplest. It also possesses certain practical advantages which may account for its continued use, one advantage being that since it is generally closed in by a door below or above, or both, there is none of the draft of air which often seems to prevail where the stairway is "open," and particularly when it is placed where the opening of a door increases the draft.

A staircase of the second or "open" type is far more formal, and it is susceptible of being given a highly in-

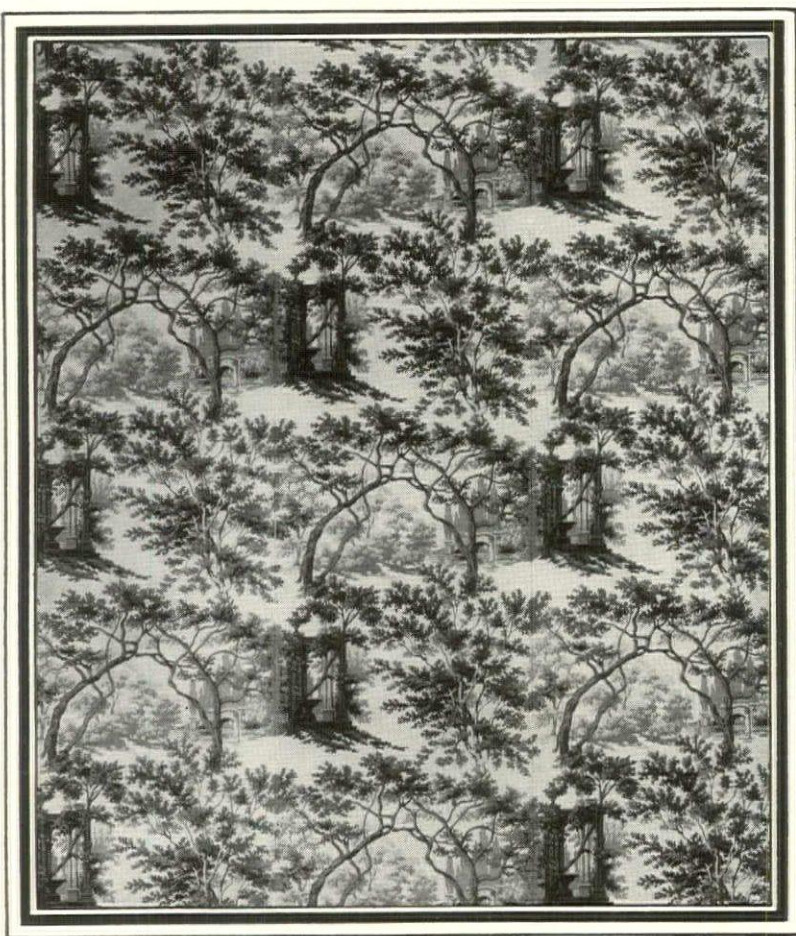
teresting architectural character. Its banisters may be quite as elaborate as the taste of the architect and the purse of the owner suggest. Of this character are many of the fine stairways of the famous old houses of Virginia, Maryland and New England, their banisters often being arranged three to a step or "tread," and beautifully carved, sometimes in three quite similar but slightly different patterns.

While the third type is a variation of the second, it is far more dignified and formal and much more architectural. One-third or two-thirds of the way up it turns upon itself, usually in an opposite direction and frequently upon a square landing, the place of its turning presenting an advantageous place for the use of a "Palladian" window, the variety of window made in three vertical sections, the central section being wider and slightly taller than the other two and having a semi-circular top, all this giving an opportunity for designing a graceful arrangement of the panes of glass. Like the "straight run" stairway it has for years been given the utmost skill of facile designers, many early staircases still remaining to bear witness to their ability. Their banisters are of course carefully designed and beautifully carved, often painted white and supporting a handrail likely to be of mahogany to afford a striking contrast to the white banisters. At the foot of such a stairway, or indeed of a staircase of the preceding type, the newel may take the form of a graceful "volute," formed by the curving of the line of banisters and the handrail. Along with stairways of the second type, a staircase of this variety may have its "string course" or open side beautifully ornamented with carving, which naturally adds much to its architectural effectiveness. Stairways of types second and third belong, logically, in houses of some dignity, although not necessarily in large residences. Instead of being narrow and steep, as staircases of the first type—most often are, they are broad and ample; their "treads" are wide, and their "risers," or the vertical distances from one step to another, are sufficiently low to render use of the stairways inviting.

THE CIRCULAR STAIR

While each of the several varieties of the stairway already dealt with has its following, and while each is in wide use, there are many who feel that of all the "circular" is the most beautiful. It belongs, architecturally, as has already been suggested, to the latter portion of the Georgian era—the Adam period—when English architecture and its American following often became attenuated and thin. As generally built it sweeps up in a graceful curve, circular or elliptical, from below to above, often where a building is several stories high one gracefully curving stairway is placed above another, and the ceiling above the "well" thus formed is capped by some graceful arrangement of a dome. In America this form of stairway exercised a powerful appeal upon the

(Continued on page 182)



THE WOODLAND

AN ORIGINAL DESIGN MADE ESPECIALLY FOR US SHOWING a FOREST SCENE with a BRIDGE and an OLD RUIN in PERSPECTIVE. A WIDE CHOICE of COLORS MAKES THIS SCENIC PAPER UNUSUALLY USEFUL and BEAUTIFUL.

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WE have heard it said, and by experienced decorators, that the selection of a wall paper is a difficult thing because of the danger of monotony after a period of time. With this general statement we cannot agree. Some wall paper designs do become tiresome. So do some pictures, or any work of art. We hold that such were tiresome the day they were conceived and should never have been finished and offered for sale.

A thing of beauty is always beautiful and never loses its charm. It is on this basis that Thomas Strahan founded this business over 40 years ago. It is on this basis that we select our designs. When, as will happen, a tiresome or even unbeautiful design creeps in, we quickly eliminate it.

We can assure you that you will have little difficulty in selecting papers from our line. They can be seen wherever fine papers are shown.

Ask your dealer or decorator to show them to you.

THOMAS STRAHAN COMPANY

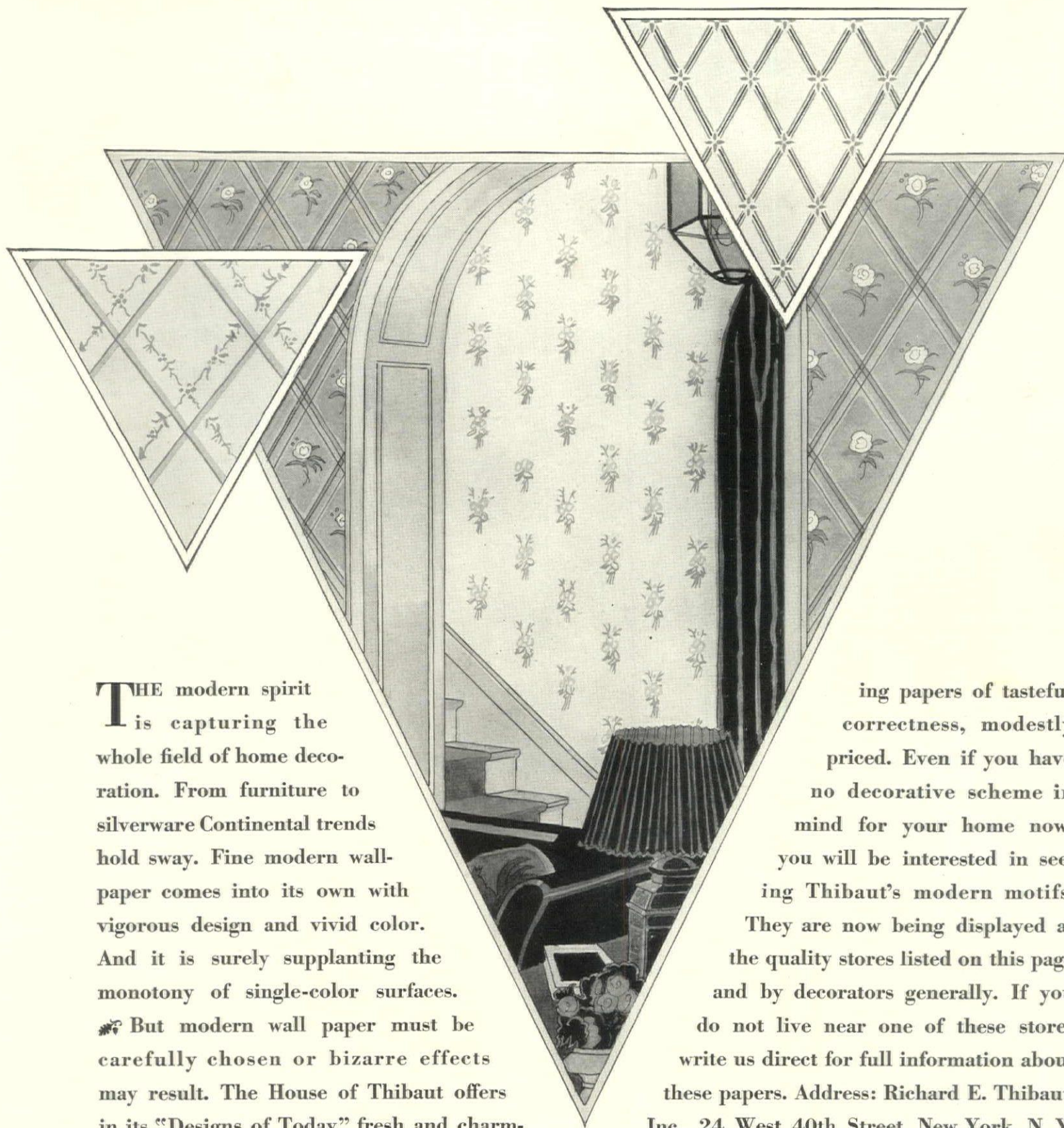
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**these
modern motifs
in decoration**

**a word of counsel
by Thibaut**

*Quality Stores which handle
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Buffalo . . . Ralph G. Butler
Chicago . . . W. P. Nelson Company
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Hartford . . . Johnson Paint & Wall
Paper Co.
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Rochester . . . Sibley, Lindsay &
Curr Co.
St. Louis . . . Baily-Henderson
Wall Paper Co.
San Francisco . . . Armstrong, Car-
ter and Kenyon



CARVED PIECES

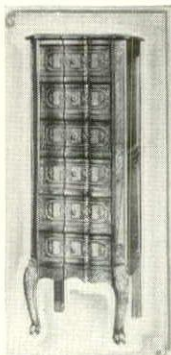
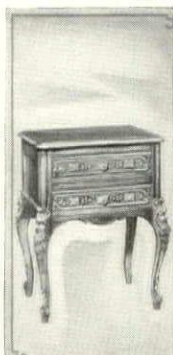


LIGHTOLIER Galleries are devoted solely to the presentation of carved pieces of an authentic nature. Replicas of the most desirable treasures of all periods, from delicate tables to massive chests, are profusely exhibited. Here, where selections are virtually limitless, decorators and clients will surely find the precise pieces desired to heighten or sustain decorative harmony. Prices are surprisingly low and even the most modest budget will prove very adequate.

Each carved piece represents the skill and artistry of L. Vander Voort, one of the most distinguished woodcraftsmen of the Old World.

**LIGHTOLIER
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669 BROADWAY ~ NEW YORK
222 HIGGINS BLDG ~ LOS ANGELES



STEPS TOWARD A CITY PLAN

(Continued from page 126)

quickly consider, as a permanent location for their interests, that community which has a constructive plan. And living and recreational conditions are far superior in those cities which have carried out a significant plan for parks, playgrounds and other open spaces. These are the cities that are going forward and becoming outstanding examples of progress.

The various means of reaching the public through the local press, through periodicals, lectures, through ministers, and all of those in public work should be used to the best possible advantage. Every editor and publisher is keenly interested in assisting work that is for the logical growth of his city. They will be glad at all times to keep their readers informed of the purpose and workings of the plan and of the necessity for and benefits to be accrued from its use.

GOOD PUBLICITY

Another aid in public education will be found in the local moving picture theaters where lantern slide views of needed changes in the physical form of the city may be shown. As the development program progresses, from time to time comparison views may be shown featuring beneficial changes resulting from execution of these individual projects.

In addition to the work of education, which is carried into every corner of the city by a continuous supply of news stories and pictures, it is the work of this citizens' committee to raise the funds necessary for carrying out the work proposed, and to keep in touch with the program throughout its length, constantly keeping the public advised as to progress.

The City Plan Commission, whose duty it is to carry out the plan after it has been submitted to the property owners and adopted by them, may be appointed by the mayor and comprise members of the city staff, or they may be chosen or elected by the property owners. Many cities have found the latter method advisable as it eliminates the confusion of the detail city work which must be carried on at all times, and the possibility of favoring certain projects over others which may be as necessary or as advisable. This commission should be small in number, advisedly of seven or nine members. Even five members have been appointed to carry out the duties of the body. In one case, where there were fifteen members on the City Plan Commission, it was found to be entirely too unwieldy a body and rarely were they able to get a quorum at any meeting.

In order to prepare an intelligent city plan it is necessary to have a comprehensive survey made of the city showing its needs and existing conditions. From this survey the recommendations for a plan are drawn. These are then presented to the property holders and voted on as separate projects, those finally approved being embodied in a complete city plan.

At this time active members of the citizens' committee should make themselves thoroughly familiar with the workings of city planning through

the many books and publications on the subject, bulletins issued and information given by national and State organizations engaged in the promotion of city planning projects, and by visiting other cities where plans have been adopted and are being carried out. It is also necessary that the members of this committee study the legal status of city planning and zoning in their immediate locality, and so become familiar with the legal demands or allowances, or the need for further and more comprehensive legislation along these lines.

In addition to the paid or voluntary services of the members of the City Plan Commission, it is necessary to employ the services of a city plan consultant on whole or part time, according to the demands of the community and the individual plan. In making such a selection, it is important to secure the services of a man whose background of experience and whose knowledge of local conditions assures his competence.

To supplement a City Plan Commission, it is often found advisable to appoint a Zoning Commission for the purpose of studying the zoning needs of the city, preparing zoning maps and making recommendations for favorable zoning of the city in order to protect property owners from encroachment by undesirable developments. These recommendations are made from maps which show clearly the best uses of the various areas. Such commissions are often temporary until their maps and recommendations are approved and protected by favorable legislation. Or, in some instances, the work of properly zoning a city may be performed as a part of the city plan.

AN APPEAL BOARD

It is also advisable, where a Zoning Commission exists, to appoint a Board of Appeals, which will hear and decide on those cases where the zoning ordinance would seem to work a hardship on some individuals. This board is appointed for the benefit of the property owners and is established after the zoning law has been put into effect. In many instances, the Board of Appeals reduces the number of cases which would find their way into the lower, and, in some cases, into the higher courts of the country. On all of these committees and commissions the members are appointed for stated periods of time of equal or often overlapping length. The service is in many cases voluntary with remuneration only to those who give all of their time; or in other cases, a nominal sum is paid for such service.

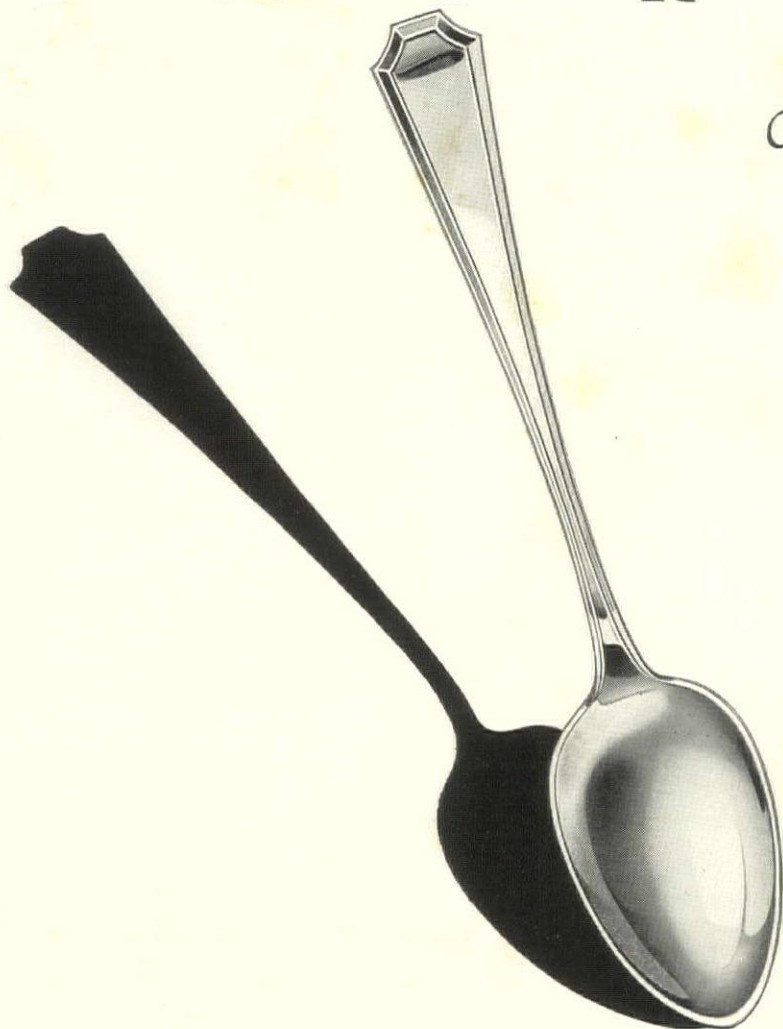
The personnel of the Zoning Commission and the Board of Appeals should include men who thoroughly understand the uses of land, height and area, and in the latter, the problems of construction, such as architects, contractors or engineers.

In a number of the more progressive American cities of today, much credit is due the Art Jury, which may be a separate body or a part of the City Plan Commission, whose duty it

(Continued on page 148)

F A I R F A X

*Inspired by a Quaint
Colonial Chair*



From a lovely Colonial chair, the designer of Fairfax drew his inspiration for this delightful pattern. A design of such rare charm that it has found its place in more fine homes than any other sterling silver pattern in the world.

With its sharply contrasted planes and exquisite simplicity, Fairfax makes an immediate appeal to the lover of the authentic Colonial mood. It perpetuates in enduring sterling an artistic motif that has lived and flourished for centuries. Passing

time and fads of the moment will not dim its beauty. Fairfax is Colonial Georgian in character. It finds ready harmony with those Colonial decorations so much in vogue today.

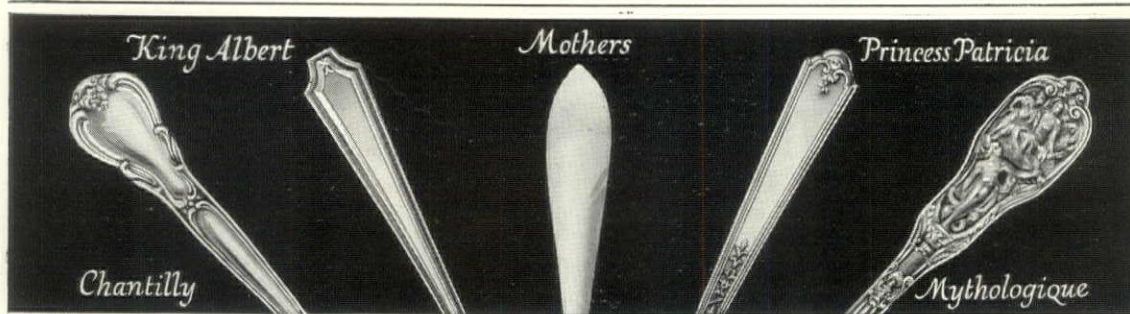
During March leading jewelers are making special Fairfax exhibits, showing complete dinner and tea sets. Yet it is only one of many Gorham productions your jeweler will gladly show you.

(Fairfax teaspoons, \$7.50 for six. Dinner knives, \$22 for six. Dinner forks, \$28.50 for six.)

GORHAM

PROVIDENCE, R. I.  NEW YORK, N. Y.

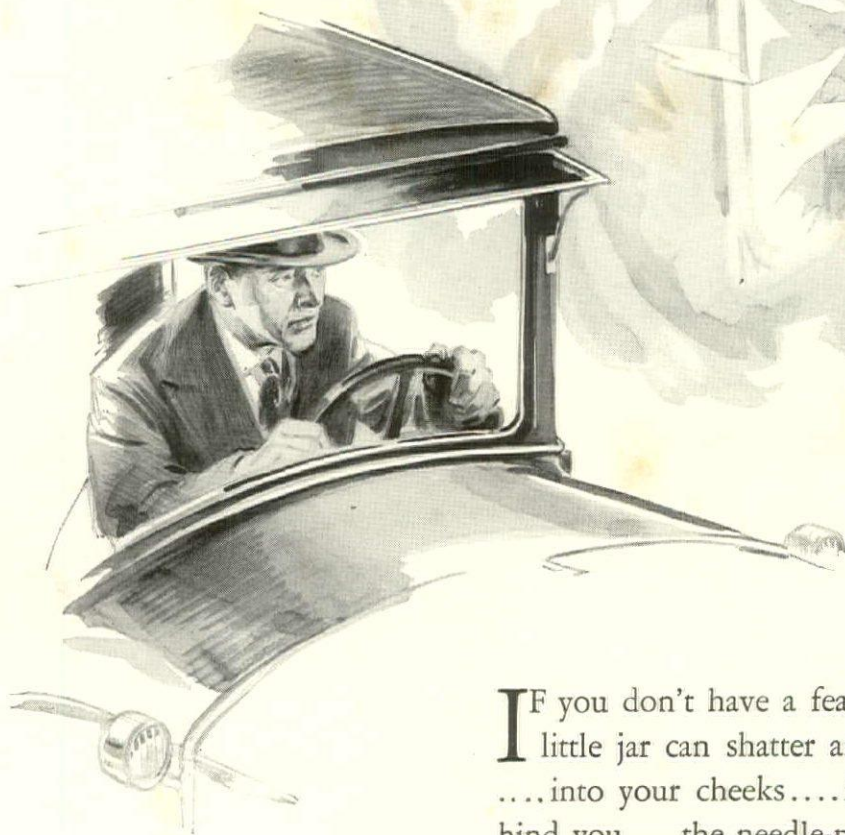
MEMBER OF THE STERLING SILVERSMITHS GUILD OF AMERICA



"Whatever your taste—whatever your favorite period—you will find among Gorham's 27 patterns in Sterling a silver service to harmonize with both"

AMERICA'S LEADING SILVERSMITHS FOR OVER 90 YEARS

Why drive in fear of *flying glass?*



IF you don't have a fear of flying glass, you ought to. A surprisingly little jar can shatter and then....from four sides....into your eyes....into your cheeks....into your neck....into the faces of those behind you....the needle-pointed flying fragments....

A WICKED RISK TO TAKE when TRIPLEX will protect you

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THE GLASS THAT WILL NOT SHATTER

Look for the black edge—the seal of Triplex quality

*Every new FORD is equipped with
a windshield of TRIPLEX—the glass
that will not shatter*

Triplex is the famous glass used for years in the best foreign automobiles and now made in America. It is clear glass with no wires to obscure the vision. In a serious crash it will crack. But it cannot shatter. It cannot fly.

Remember this—sixty-five per cent of all injuries to automobile passengers are caused by flying glass. And the accident need not be serious to cause painful cuts, permanent disfigurement, even the loss of your eyes.

Why gamble? Why risk your children's eyesight when a small investment will protect you? Why go on spoiling your automobile pleasure with the constant fear of flying glass?

THE TRIPLEX SAFETY GLASS COMPANY OF NORTH AMERICA, INC., Hoboken Terminal, Hoboken, N. J.
In Canada: W. E. Phillips Co., Ltd., Oshawa, Ont. In England: The Triplex Safety Glass Co., Ltd., Piccadilly, London

Ask your dealer about Triplex or fill out this coupon—for your own peace of mind

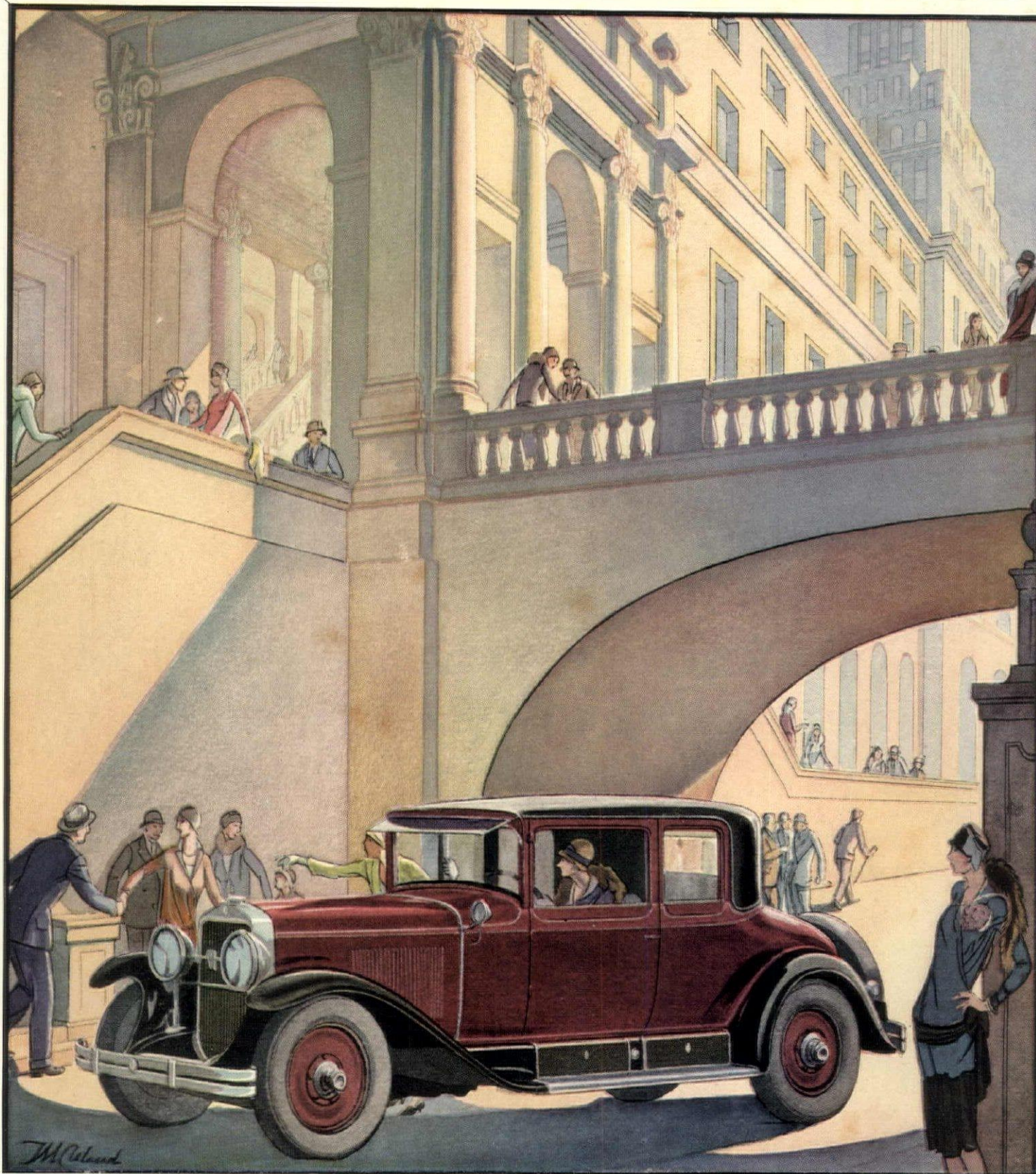
THE TRIPLEX SAFETY GLASS COMPANY OF NORTH AMERICA, INC., Hoboken Terminal, Hoboken, N. J.

GENTLEMEN: Without obligation on my part, please mail me the facts about Triplex—the glass that will not shatter.

Name _____

Business Address _____

Make of Car _____ Model _____ Year _____



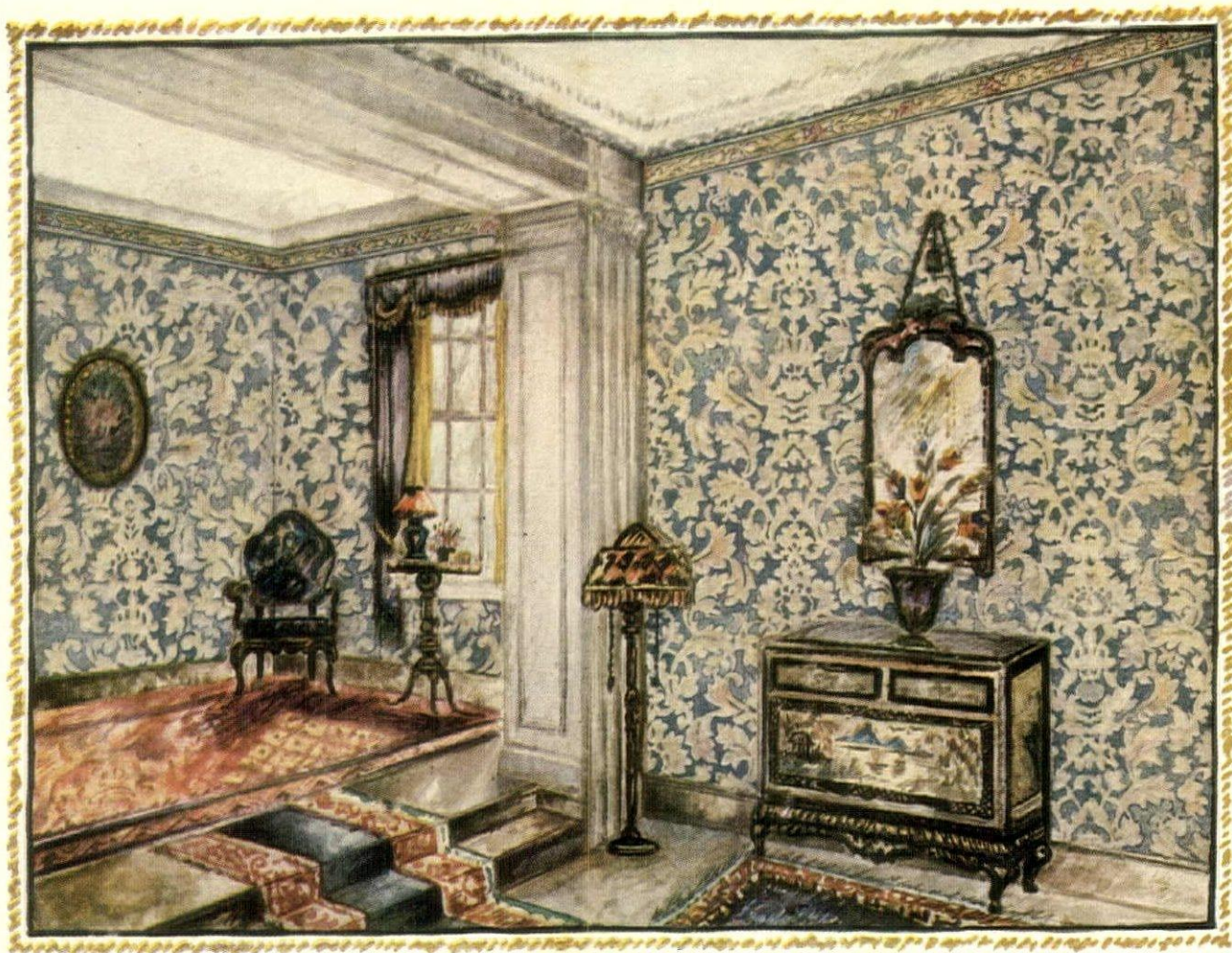
EXPRESSING a fresh flowering of genius in motor car design, the New Cadillac is the very spirit of fleetness, poise, power and luxury; caught in lines that reveal no compromise with the past. Built upon a highly developed

chassis and powered by the proven 90-degree, V-type, eight cylinder engine, it presents a combination of excellence that exceeds anything hitherto offered in the fine car field—a fact amply endorsed by the public reception accorded this car.

More than 50 exclusive body styles by Fisher and Fisher-Fleetwood

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A NOTABLE PRODUCT OF GENERAL MOTORS



Your Wallpaper Sets the Keynote

IN modern decoration, wallpaper sets the keynote. Its infinite variety of coloring and design offers the homeowner unlimited opportunities for the expression of taste and personality.

Wallpaper will help you accentuate the best features of furniture and architectural detail. And, wisely chosen, it will help you overcome any possible defects of an interior.

To aid you in your choice of papers, the Service Committee of the Wallpaper Manufacturers' Association is now offering *Selected Wallpapers*, a handsome portfolio, carefully planned to give the most practical help to homeowners. It includes full-color illustrations of a number of charming interiors, as well as twenty-five actual samples of representative wallpapers.

These papers are widely distributed so that they should be readily obtained through any dealer. The range of price, design and coloring is broad enough to permit an appropriate choice for practically every room in any type of home. In using any design included in this portfolio, you are assured of obtaining a wallpaper that will give you good style and good value for your money.

If you have need of further aid in working out any problem of interior decoration, the Service Department of the Wallpaper Manufacturers' Association will be glad to help you with definite suggestions covering your specific requirements. This service is more fully described in the portfolio, *Selected Wallpapers*. A copy will be sent to you promptly on request.

The YORKTOWNE, shown below, is one of the charming designs included in *Selected Wallpapers*.



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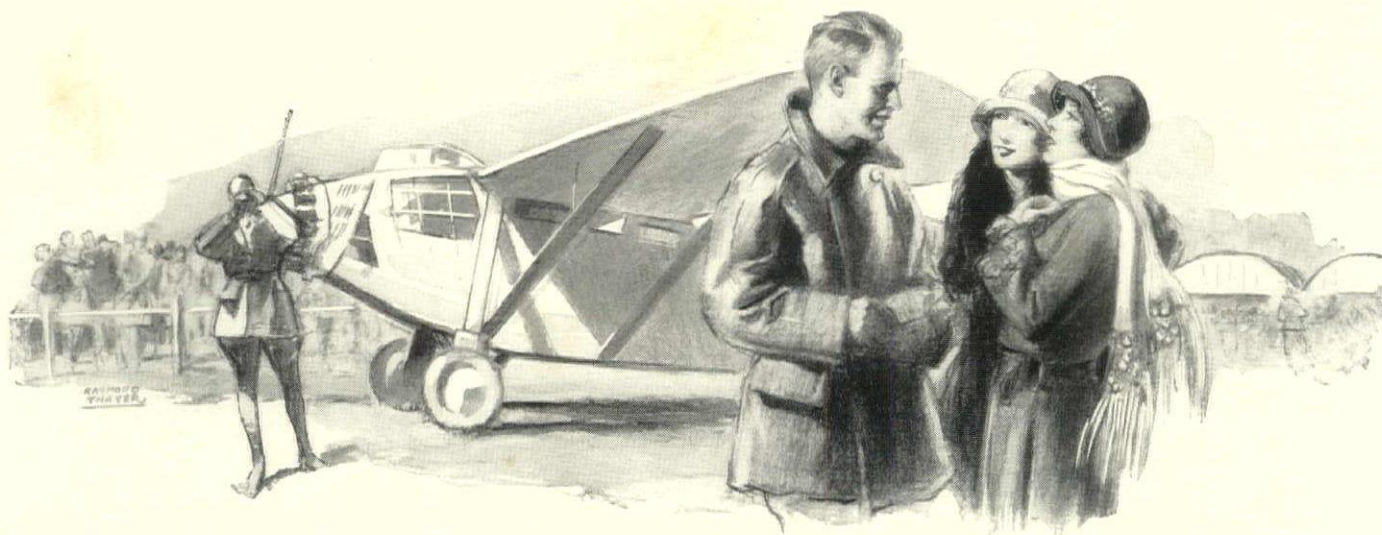
Wallpaper Manufacturers' Association
461 Eighth Avenue, New York, N.Y.

Send me your Portfolio of Selected Wallpapers for which I enclose 10 cents to cover mailing cost.

Name

Address

The Airman commands the world's admiration



COURIERS of the air—dashing, confident men of adventurous spirit. Day after day they wing their fearless way across the sky. They fire the imagination—they symbolize progress.

In their epoch-making flights, America's air-men have supplied the final endorsement of air-cooling—the advanced engine-cooling principle so thoroughly proven by Franklin Owners. And now, in the new Franklin Airman, the air-cooled engine is presented to the world in its finest setting—a motor car designed and built throughout, in the advanced spirit of the airplane.

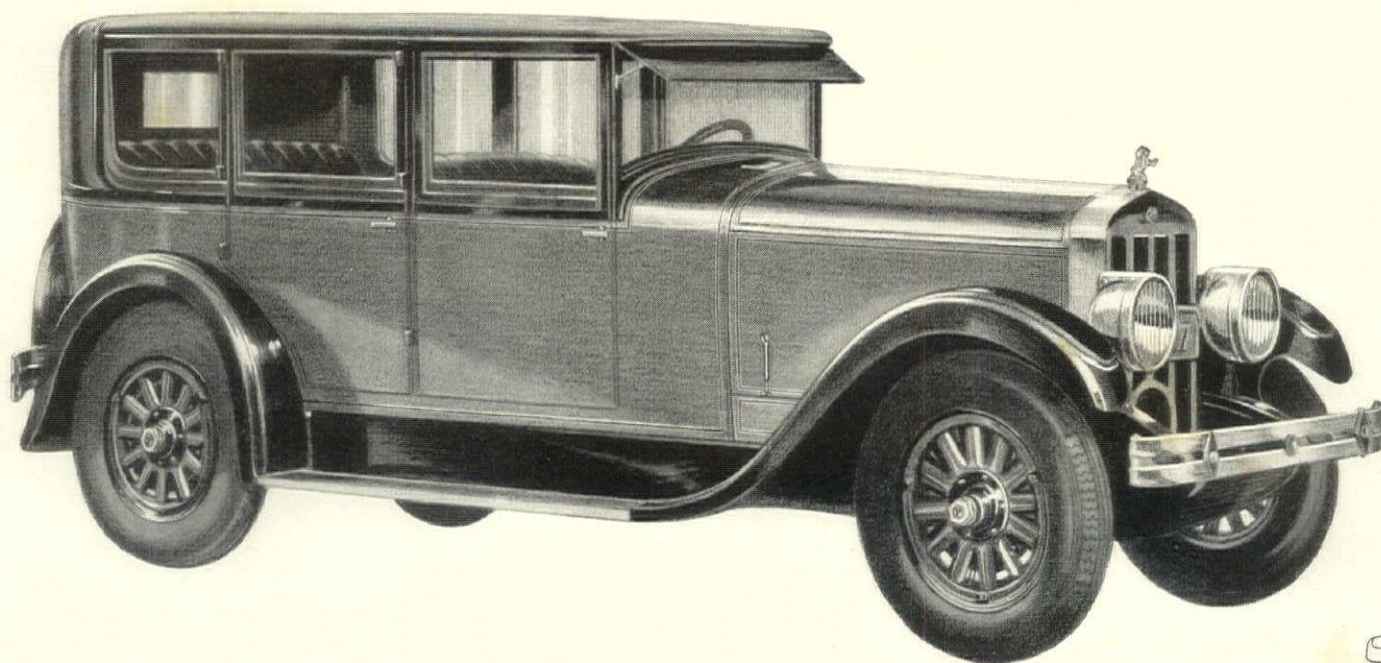
Its abundant power and instant acceleration—its long-sustained high speed of a mile-a-minute or

better—command the admiration of all who drive fine cars. Scientific light weight construction and synchronized, 4-wheel, hydraulic brakes guarantee easy handling and sure control.

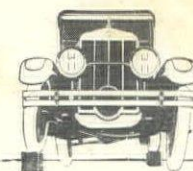
And the world's fastest car in a day's run affords a greater degree of riding comfort than you have ever experienced.

You want the car you drive to reflect the foremost advancements in engineering and performance. Join with the leaders of the new age of fast travel—drive an Airman. Franklin dealers are glad to demonstrate for you—and to explain the favorable terms on which Airman ownership may be arranged.

FRANKLIN AUTOMOBILE COMPANY, SYRACUSE



Airman Series **FRANKLIN**



Flexibility accounts for Franklin's
long life and freedom from
rattles and squeaks



"The criterion of true beauty is, that it increases on examination."—GREVILLE

A FEW art objects, discreetly placed, add so much to a home! Not the hit-and-miss massing of Victorian days, but the tasteful arrangement of 1928.

And just here it is that Roseville serves so incomparably! Charming Roseville Pottery, created with that touch of genius by men and women who love their craft.

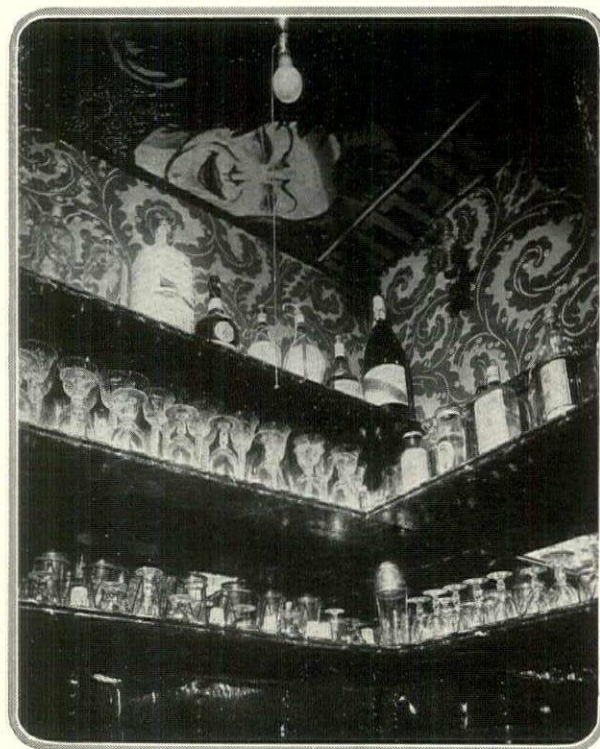
Beauty that grows as you live with it, such is the essence of Roseville Pottery. For instance, the jar and vases pictured here. Adorable they are, in delicate tints, daintily decorated with arrowheads.

These pieces and a diversity of other designs... bowls, jars, vases, candlesticks in a wide selection of sizes, shapes and colors... can be seen at good stores. For the home or as gifts they have a distinction of their own.

You will want a copy of the interesting booklet, "Pottery." Write for it.

THE ROSEVILLE POTTERY CO., Zanesville, Ohio

ROSEVILLE POTTERY



This private bar has a ceiling made from a poster of the Fratellini Brothers with a modernist paper in cerise, blue and silver running down to the shelves

OCCASIONAL ROOMS

(Continued from page 107)

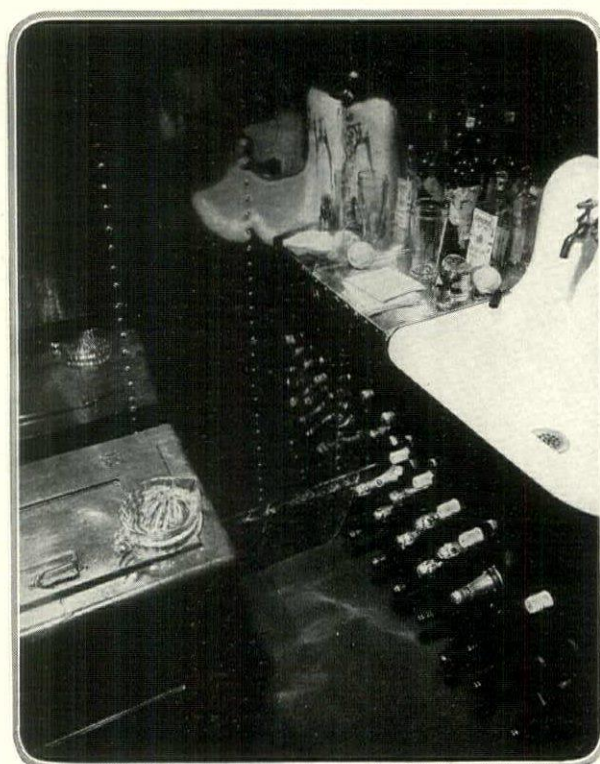
tion of framed flower prints. There is one flower room we know, presided over by an ardent amateur gardener, where there are also magazine shelves on which are kept the back issues of all the well-known gardening publications from England and America.

At first thought the telephone is such a purely utilitarian convenience that one would not think of dressing it up. Well, so is a bathroom—and we've been beautifying it! Whatever the decoration, see that it offers ser-

vice. In the telephone room shown on page 106 the cabinet has a double drawer for paper and pencils, and a compartment holds the telephone books which stand upright.

Since drinking has become a personal matter and assumed a secretive air, the private bar has sprung into existence. Yet we cannot attribute this to Prohibition, for in Paris, where Prohibition is considered a contradiction in terms, the private bar has long

(Continued on page 148)



In this same bar the shelves are marbled black and backed by mirrors and the lower walls are covered with sheets of polished brass

Vivacious, graceful, feminine to her finger-tips is the bride who finds her personality expressed in the Louis XIV Pattern by Towle. Its floral motif, refined in the process of translation from the 17th Century French to 20th Century American, reflects her own taste for delicate ornament, yet offers her the modern simplicity.

TOWLE
Sterling Silver Exclusively

Louis XIV Pattern
by Towle



Gown from Altman



This distinguished Louis XIV tea and coffee set, made to match the flat silver, is one of the most admired of Towle silver services.

Your Sterling Pattern must express YOU

There is a certain group of modern, beauty-loving girls who, the finer jewelry shops tell us, prefer the Louis XIV Pattern in Towle Sterling to any other Solid Silver pattern!

These girls like simplicity in their home surroundings but their taste is too lively for plainness. Do you share their feeling? Then this Louis XIV pattern probably expresses you, too.

Every Towle pattern is like somebody! The chief distinction of all Towle designing is that it expresses the temperament and personality of individuals.

It is quite possible that you may not find your own personality expressed in

the Louis XIV pattern but in one of the seven other lovely Towle solid silver patterns shown below.

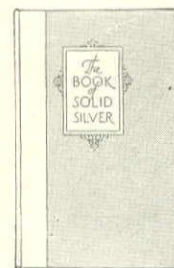
The point is: What expresses you, belongs to you. Imagine these patterns on the tables of the various brides you know. Don't you feel instantly that certain designs belong to certain girls?

Of course, all these Towle patterns are wrought into the precious solid metal with the confident artistry and beautiful craftsmanship one would expect of silversmiths whose craft-traditions go back to grand old William Moulton of 1690! Such silver, when it expresses you, will keep on telling about you for generations.

The Book of Solid Silver—Bound in blue and silver, full of helpful silver information and delightfully illustrated. Costing nearly \$1.00 to print, it will be sent without charge to those interested enough to fill out the following coupon and send 25c for mailing and handling.

The Towle Silversmiths, Newburyport, Mass.
I enclose 25c: Please send me *The Book of Solid Silver*.

NAME _____
STREET _____
CITY AND STATE _____
My jeweler is _____ C-3



(left to right, upper four) Lady Mary, Virginia Carvel,
Lady Constance, D'Orleans.
(lower three) La Fayette, Seville, Mary Chilton.

shades by de Sherbinin



INCREASINGLY, the more prominent shops, department stores and decorators are suggesting shades by de Sherbinin.

Behind this suggestion is the fact that the Brothers de Sherbinin have departed from the usual and created something new in parchment.

Not so long ago, these examples of art in parchment were executed only upon commission for a few decorators. Now, with enlarged studio facilities, the de Sherbinins are filling the orders of the better shops everywhere.

By the exclusive de Sherbinin "Translucing Treatment" the lamplight is softly mellow bringing out the lustrous, mellowed depth of the parchment which is so much to be desired on shades such as the Pleatette and Modernistic Pattern illustrated; bringing out, also, all of the true beauties of the oil paintings, old manuscripts, sporting prints, etc., with which de Sherbinin shades are decorated.

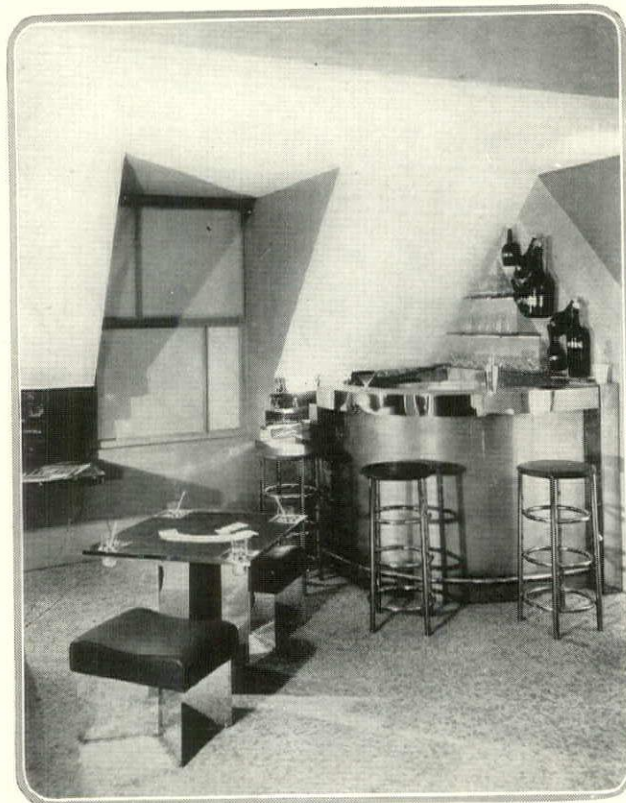
Art lovers and connoisseurs desiring the distinctive, the tasteful and the unusual in parchment shades, have welcomed these designs by de Sherbinin.

Ask your own shop or decorator about them. Or write us for the name of the dealer nearest you. Remember to look for the name de Sherbinin inside the shade, at the bottom of the frame.

de Sherbinin inc.

116 east 27 st.

new york city



Among the attractions of the Autumn Salon in Paris was the "Bar sous le Toit" by Charlotte Perriand. It is made of polished aluminum. The seats are covered with lapis-colored leather

OCCASIONAL ROOMS

(Continued from page 146)

since been an amusing adjunct to the house or apartment. At the Autumn Salon two designs for bars attracted attention. One by Charlotte Perriand was made of polished aluminum as were the stools, tables and other furniture. At the base of the sloping walls strips of aluminum concealed indirect lighting. The divan and stools are covered with lapis-colored leather. Walls are tinted beige and dark and pale blue. There is a small metal shelf to hold books and magazines and a phonograph.

Still another Paris bar is circular,

with oyster white walls and aluminum stools covered with white oilcloth. The rail is aluminum. Recessed niches, backed by illuminated ground glass, hold the bottles. A black oilcloth covered bench with colored rubber cushions is placed on one side.

The third bar, in a New York apartment, is a glittering combination of glass and polished brass. A poster serves for ceiling paper and below this is a modernist design in cerise, blue and black. Walls are of burnished brass. The shelves and baseboard are black marbled.

STEPS TOWARD A CITY PLAN

(Continued from page 142)

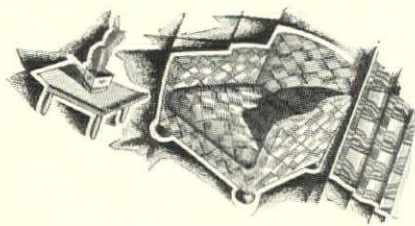
is to pass on all designs for public buildings, bridges, monuments, memorials or other public property which aspires to harmony and fitness. Too often is the appearance of a city hurt by the lack of relationship of design shown in its important buildings. While each might seem to the architect or owner to be eminently suitable, considered in itself, it may be entirely out of harmony with those buildings grouped around or nearby.

This jury should consist of an architect, a landscape architect, an artist and a sculptor, each a person whose opinions are respected by the local citizens. Their work should be carried out in consultation and in conjunction with the work of the City Plan Commission, combining artistic sense with practical experience. The work of this committee is, in almost all cases, entirely without remuneration.

And so we find it is necessary, first, for a community to recognize its need for an organized plan, then to educate its public as to that need and the uses of the plan. The property owners must be organized and work in harmony through their committee which, in turn, is instrumental in the creation of the City Plan and other commissions. The educational work, promotion and arranging of financial issues must be continued by the original committee, projects must be brought before the public and the uses of the plan interpreted to those who are its financial backers. Given powerful machinery and material for the pattern, no city can resist the press of advancement.

NOTE: The article above is the second of a series dealing with the practical methods of furthering Town Betterment. The next article will appear in an early issue.

HESTER SCOTT



imported fabrics of modern design, angles, zigzags, in prints or subtle weavings

FROM the most famous fabric houses of Europe come the stunning prints and interestingly woven decorative materials presented here by F. Schumacher & Co.

Apparent in all these fabrics is the modernistic tendency towards geometric designs—triangles, rectangles, circles, zigzags!

Some are hand-printed—in line and color that fascinate by their boldness, their simplicity. Others bear the inimitable quality of Rodier's creations—materials so clever in design, so subtle in weave, that each side is a pattern in itself.

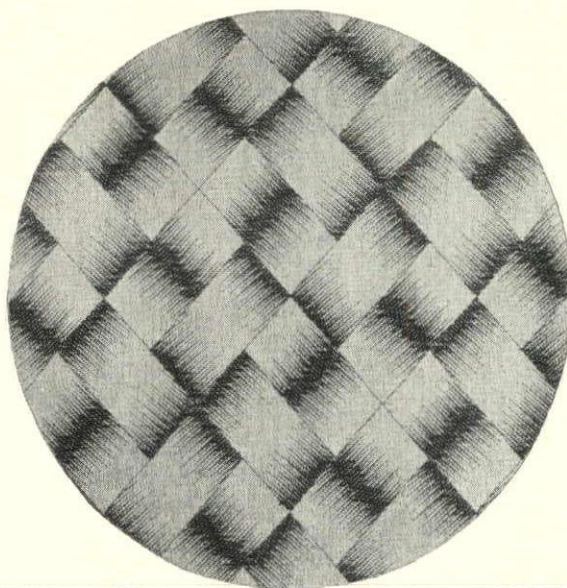
Schumacher offers a wide selection of modern designs and weaves—as well as authentic reproductions and adaptations from the past—in fabrics for every decorative use.

These may be seen by arrangement with your decorator, upholsterer, or the decorating service of your department store. Samples selected to fit your requirements will be promptly obtained by them.

A New Booklet—"Fabrics, the Key to Successful Decoration"

This interesting booklet has just been completed. Written by an expert and

(RIGHT) Hand print in orange, marron and mauve. It comes also in red, rose and tan, or in three shades of green.

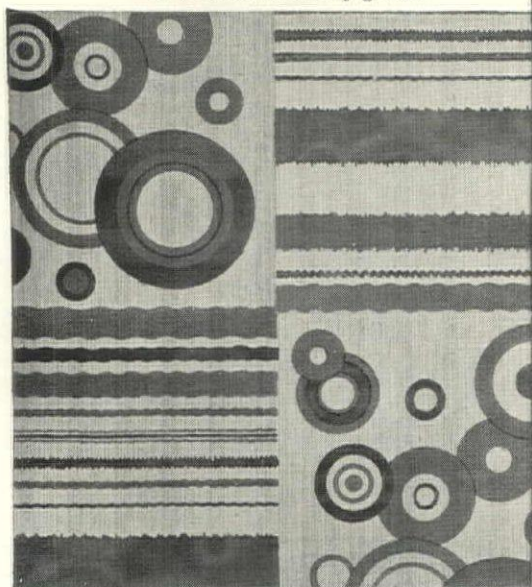
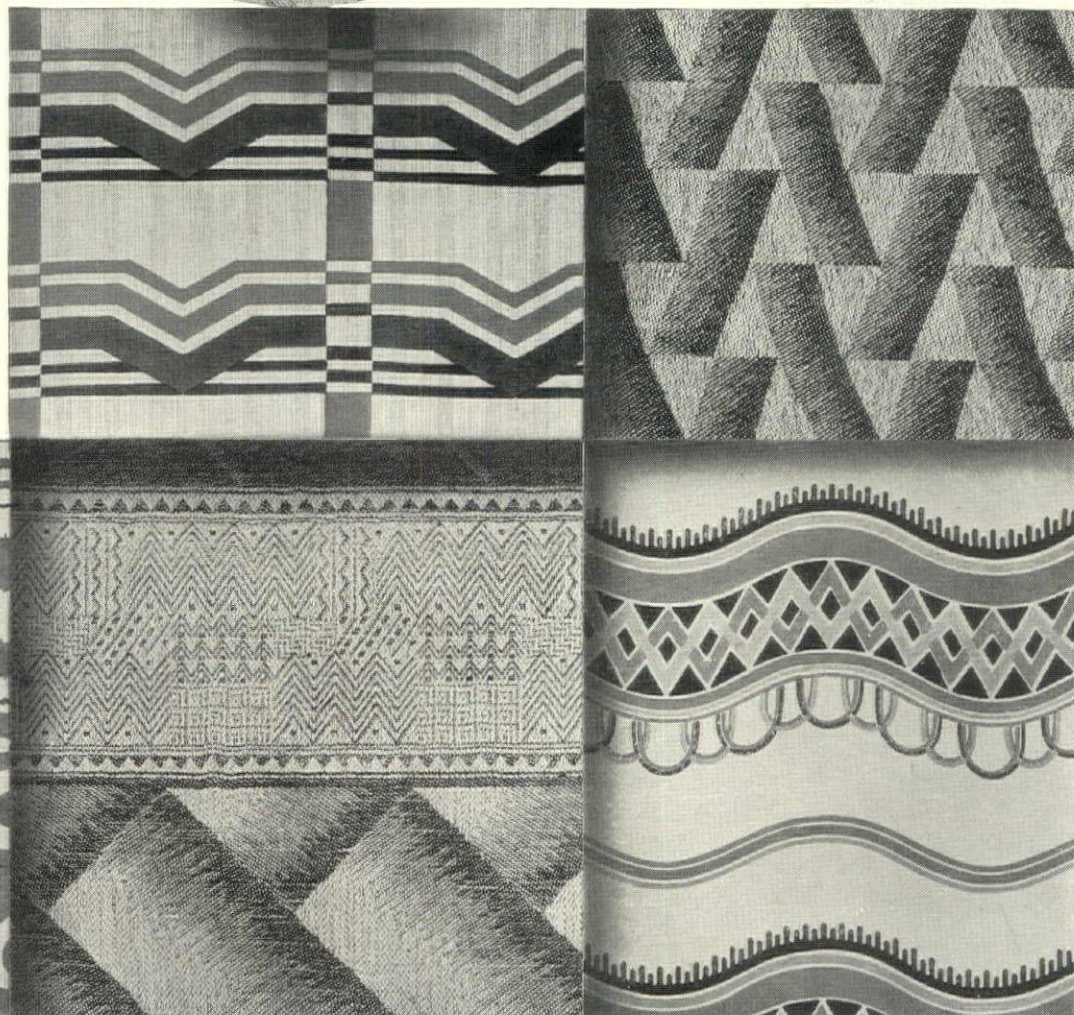


beautifully illustrated, it gives briefly the history of fabrics and discusses—from the decorative point of view—their utmost importance in successful decoration.

This book will be sent to you without charge. Write to F. Schumacher & Co., Dept. E-3, 60 West 40th Street, New York. Importers, Manufacturers and Distributors to the trade only, of Decorative Drapery and Upholstery Fabrics. Offices also in Boston, Chicago, Philadelphia, Grand Rapids, Los Angeles and San Francisco.

(LEFT) Firmly woven upholstery fabric in brown (or dark blue, green, salmon) on écru; brown and salmon, grey and white.

(BELOW) An interesting fabric for draperies or upholstery—in salmon, golden brown, dark brown, green, beige, yellow or grey.

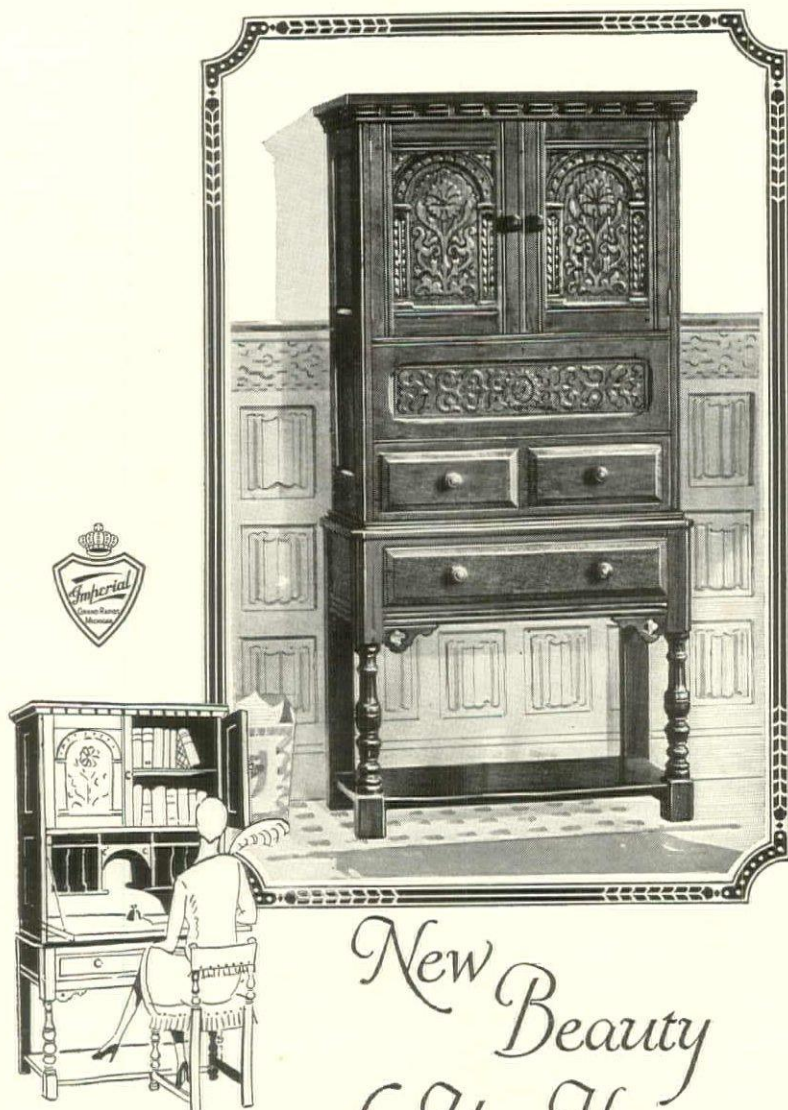


Undulating stripes and circles of varying sizes printed on a faintly lined ground of tan—in several color combinations.

Spirited bands and blending rectangular forms woven in brown on écru. Other colors are salmon, gold, red, green, light brown.

A hand print with serpentine motif comes in various color combinations and is suitable for draperies, slip covers and cushions.

F-SCHUMACHER & CO.



New Beauty for Your Home

A STATELY SECRETARY quaintly carved in antiqued woods — a dainty tilt top in mahogany of rare figure — a slender console table with tall mirror — these barely hint at the lovely new Imperial furniture for spring now in the stores.

Let these smart and unusual creations by Imperial craftsmen bring new distinction and charm to your living room. The woods are of extraordinary beauty. You will enjoy seeing them. Each design can be identified by the Imperial crown and green shield.

IMPERIAL FURNITURE COMPANY
"World's Greatest Table Makers"
GRAND RAPIDS, MICHIGAN



*A Book of
Beautiful Things
for Your Home*

Let us send you "Inside the Door." It pictures the styles in tables and suggests new ways to make the home attractive. Write Dept. E for it.



Imperial Furniture

Grand Rapids

MARBLE COMES FORWARD AGAIN

(Continued from page 92)

polish. If the marble is especially dirty or badly stained, see suggestions below for the use of a special poultice. Polished marble should be wiped dry after washing and then rubbed vigorously with a soft woolen cloth, cheesecloth, white cotton waste or chamois skin. This prevents streaks which might be left from the dirt in the wash water.

Never use an acid on marble. Neither should soaps, soft soaps, soap powders, scouring brick nor harsh abrasives be employed, as they are often of a caustic nature and they may contain impurities which bring about discoloration. Usually they are not readily rinsable and, therefore, leave a film which will act as a binder for dust and dirt. Harsh abrasives destroy the polish. Not only should you guard the front of the slab from things that will cause injury, but you should also be sure that there are no foreign substances at the back, the stains from which may work to the surface.

CLEANING FLOORS

Floors, stair treads and marble subject to abrasive wear must be mopped or scrubbed regularly. Sprinkle the above suggested cleanser sparingly on the floor and scrub with a little water, or put two or three handfuls directly in the pail and mop in the usual way. Rinse thoroughly with clean water and dry with a mop. Care should be taken to keep metal parts of the mop from injuring baseboards or risers. Don't try to clean marble or anything else with dirty water; change the liquid as often as necessary. Strong soap powders, oil soaps, soft soaps, etc. are injurious as they cause discoloration and the formation of a film which makes the floor slippery and most unsightly.

In sweeping marble floors, white pine sawdust is very satisfactory. Avoid sawdust made from oak or other woods, also prepared sweeping compounds and oiled mops. They are likely to produce stains.

Acid sufficiently diluted and applied with extreme care may do no harm, but it is a dangerous expedient to entrust to the ordinary workman. It may burn the stone so that the result of cleaning is worse than the stainings.

Do not use the sand blast for cleansing marble. It has a tendency to open the pores and remove that crust which forms on all seasoned stones as Nature's own preservative. Use the cleanser according to directions and wash down with a hose.

The use of a steel brush is harmful. Despite washing, minute particles of steel will remain on the stone and inevitably cause rusting.

Stains should be treated at once. To remove a deep-seated stain or discoloration in any sort of stone is no easy task. Systematic applications of the proper stain remover will usually prove successful. Quick action cleaners are too often composed of acids which sacrifice for immediate results the life and finish of the marble. Stains often disappear through the action of sunlight and frost after all other remedies have failed.

"The best method for removing stains and discoloration that comes from long neglect," says one expert, "is with a poultice made from the cleanser (noted above). Add boiling water to it and stir thoroughly, forming a smooth paste. This should be thick enough to adhere to the perpendicular face of the marble. Apply this paste with a mason's trowel. The poultice should be about one-quarter inch thick and uniformly applied so as to shut off air from the surface of the marble. Let it remain for forty-eight to seventy-two hours, or until thoroughly dried. Dampen poultice slightly to avoid dust and remove with a wooden paddle. The paste works best when freshly mixed and applied hot. In severe cases several applications may be necessary to secure best results. This poultice draws out the stains or the discoloration and dirt that come from long neglect, brings about even cleaning without harming the polish, and in most cases will completely restore the marble to its original life and color. This method is especially helpful in cleaning carving or intricate surfaces that are scrubbed with difficulty. A special formula poultice has been used with great success on very stubborn cases.

"Small oil stains, usually a light yellow color, can be removed without difficulty by applying gasoline of good quality. High test gasoline will be found more effective than the ordinary motor gasoline. Saturate cotton waste or white blotting paper and apply to stain. Allow it to remain for a day or two if necessary, wetting it often with gasoline. Never apply a blow torch or other intense artificial heat to the marble. Within limits it is helpful, but the degree of heat is not readily regulated and the stone may easily be burned as a result. The stain may be removed without it, even though the process used may be much slower. Keep oil and grease away from the marble at all times.

FOR DISCOLORATIONS

"Discolorations from lumber, wood floors, excelsior, leaves or anything of an organic nature are readily removed with the poultice as described above. These stains are usually pink or reddish brown in color. For especially difficult cases we suggest mixing up the poultice with cold Javelle water. Or Javelle water alone may be applied on white blotting paper, wetting repeatedly until the discoloration disappears.

"A poultice of hot lime on sand finished marble is sometimes successful in removing stains.

"The most troublesome stains to eradicate are those produced by iron rust. First, be sure the cause is removed. A surface stain on polished work can sometimes be removed by vigorous rubbing or by slight scraping—re-polishing if necessary. On sand-finished work, the stain should be promptly removed by gritting.

"Stains from bronze are hard to remove if of long standing. Try the poultice."

Select it Now FOREVER !

THE FRANCIS FIRST PATTERN in Reed & Barton tableware! Here is formality, if you will, but formality that raises entertaining to a place with the fine arts.

To those who purchase this silverware comes a never-ending sense of pride—a pride that is spread over so long a period of time that the matter of price need not be a factor for consideration.

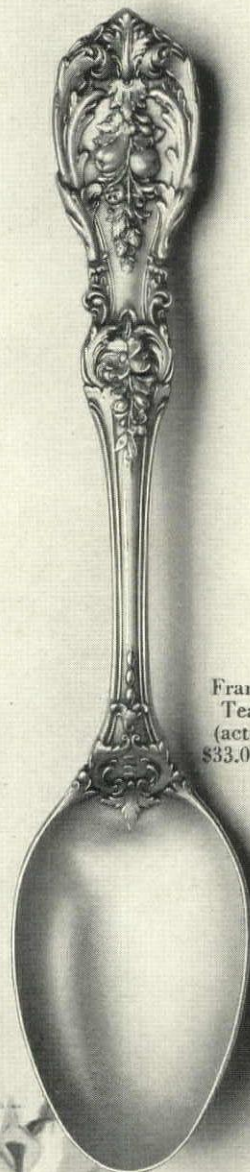
See the Francis First Pattern in both hollow ware and flatware. And note the deeply lustrous beauty that tells of enduring quality and master craftsmanship—characteristic of Reed & Barton achievements in tableware for more than one hundred years.

REED & BARTON
TAUNTON, MASS. TRADE MARK NEW YORK, N. Y.



REED & BARTON
TAUNTON MASSACHUSETTS

STERLING ESTABLISHED OVER 100 YEARS SILVER PLATE

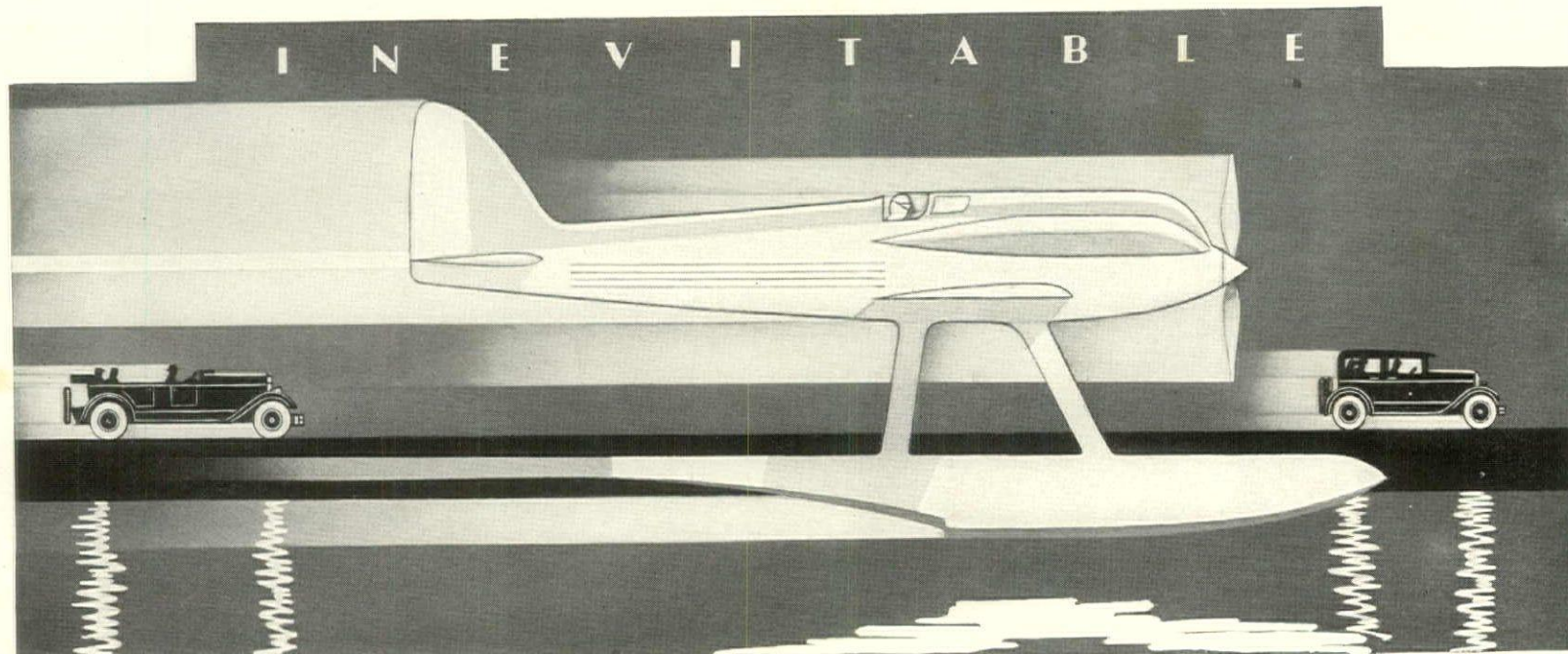


Francis First
Tea Spoon
(actual size)
\$33.00 a dozen



Francis First
Flower Bowl
\$400.00

Francis First
Candlesticks
\$270.00 a pair



Smooth as Stabilated Motoring

An open road stretching far ahead. The soft purr of a powerful motor. Just the joy of smooth, effortless, Stabilated Motoring.

By a new method—quite apart from that employed by shock-absorbers or checking devices—Watson Stabilators attack the *cause* of rough riding at its *source*.

Instead of allowing tosses and bounces to get started, and then attempting to check or absorb them, Watsons eliminate the cause itself. Because Watsons get rid of excessive forces before they can act, no forces remain that *can* throw you.

Watsons think ahead. No matter how lightning-

quick the bumps may come, they're on the job. The whole basis of Watson operation—eliminating the *cause* of a throw instead of waiting to *check* the throw itself—is fundamentally different. It is this big basic difference that explains the magical smoothness of a Stabilated ride.

Is it any wonder, then, that many of America's foremost cars come factory-equipped with Watsons—and that, more and more, motoring America is finding Watson Stabilators the inevitable choice? Your neighborhood Watson dealer will gladly demonstrate Watsons on your own car. John Warren Watson Company, Philadelphia, Pa.

FOR LARGE CARS

An outstanding number of America's foremost heavy cars come with Watson Stabilators, Type C7. Tests showed these manufacturers that Stabilated Motoring is a necessity: Chrysler . Dodge Senior . Dodge Victory . DuPont . Duesenberg . Franklin . Gardner . Hudson . Meteor . Nash Packard Six . Packard Eight . Peerless . Stearns-Knight . Graham-Paige

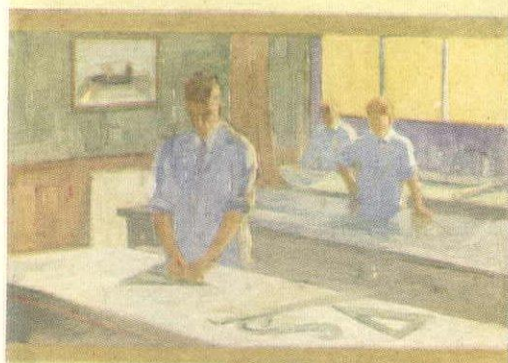
COMPLETE FOR ALL HEAVY CARS \$48 . . IN THE FAR WEST \$49

FOR LIGHT CARS

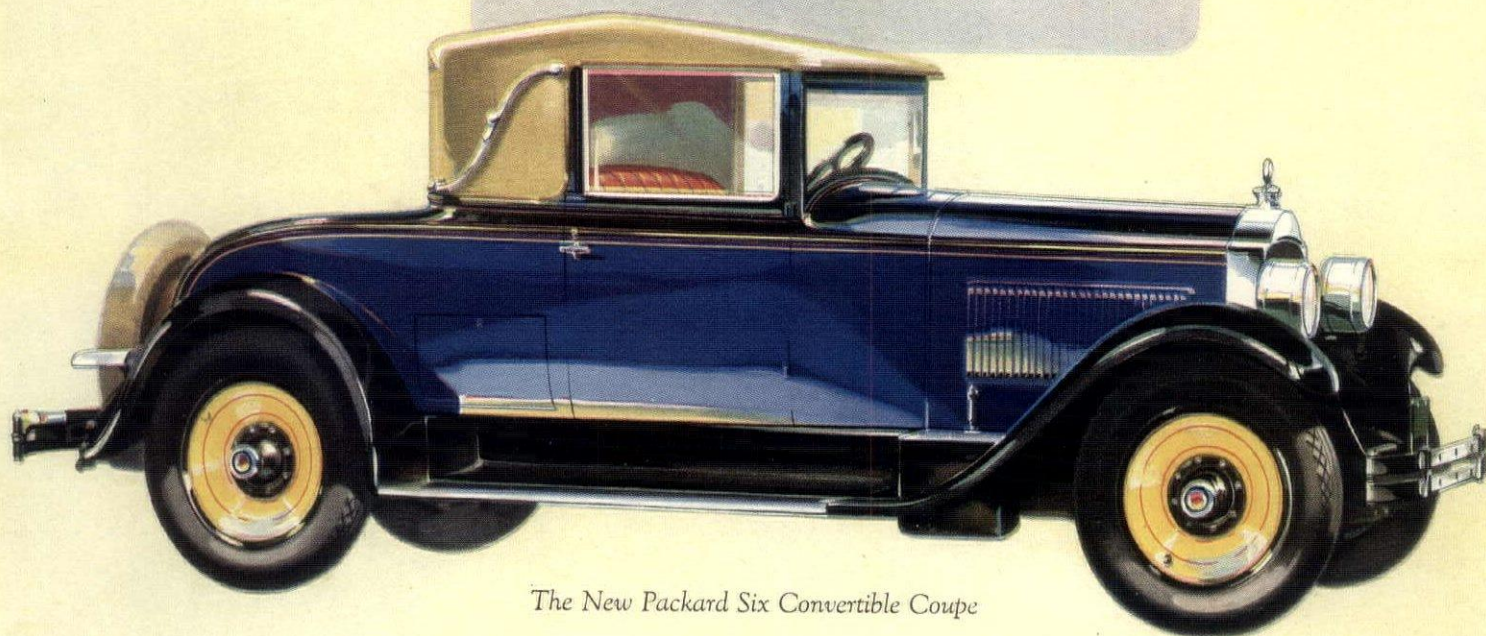
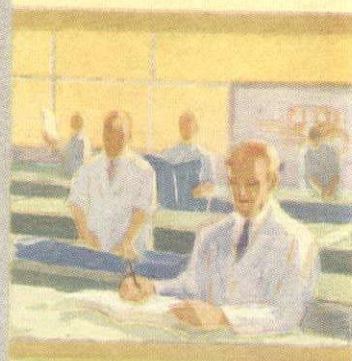
Owners of millions of America's light weight cars can now enjoy the new sensation of Stabilated Motoring. New Watson Stabilators, Type AA, are expressly designed to conquer the riding peculiarities of small, short-wheelbase cars, such as: Chevrolet . Dodge . Oakland . Whippet Chrysler . Nash . Star . Essex . Oldsmobile . Wolverine . Pontiac

COMPLETE FOR ALL LIGHT CARS \$28 . . IN THE FAR WEST \$29

WATSON STABILATORS



Designers of the late 18th century made the elaborate sedan chairs of that period beautiful in line and artistic in color and embellishment



The New Packard Six Convertible Coupe

PACKARD body designers deserve the international reputation the beauty of their work has won for them. The graceful and distinctive simplicity of Packard bodies is everywhere admired and frequently copied.

And now Packard designers have created another worthy addition to the line of standard models—the Packard Six 2-passenger convertible coupe.

Here is the very car for combined sport and business use—and for the younger generation which so admires the runabout type.

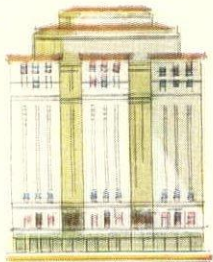
With top up and windows closed the convertible coupe provides a snug, warm enclosed car for winter or wet-weather driving, with more than enough room for two.

With top down and windows lowered into the doors, the car becomes a smart roadster. The fully upholstered folding seat, which fits flush within the rear deck, also provides room for two.

This beautiful two-purpose car priced at but \$2425 at the factory is giving new impetus to the Packard Six conquest of the fine car market.

Packard cars are priced from \$2275 to \$4550. Individual custom models from \$5200 to \$8970, at Detroit.

P A C K A R D
 A S K T H E M A N W H O O W N S O N E

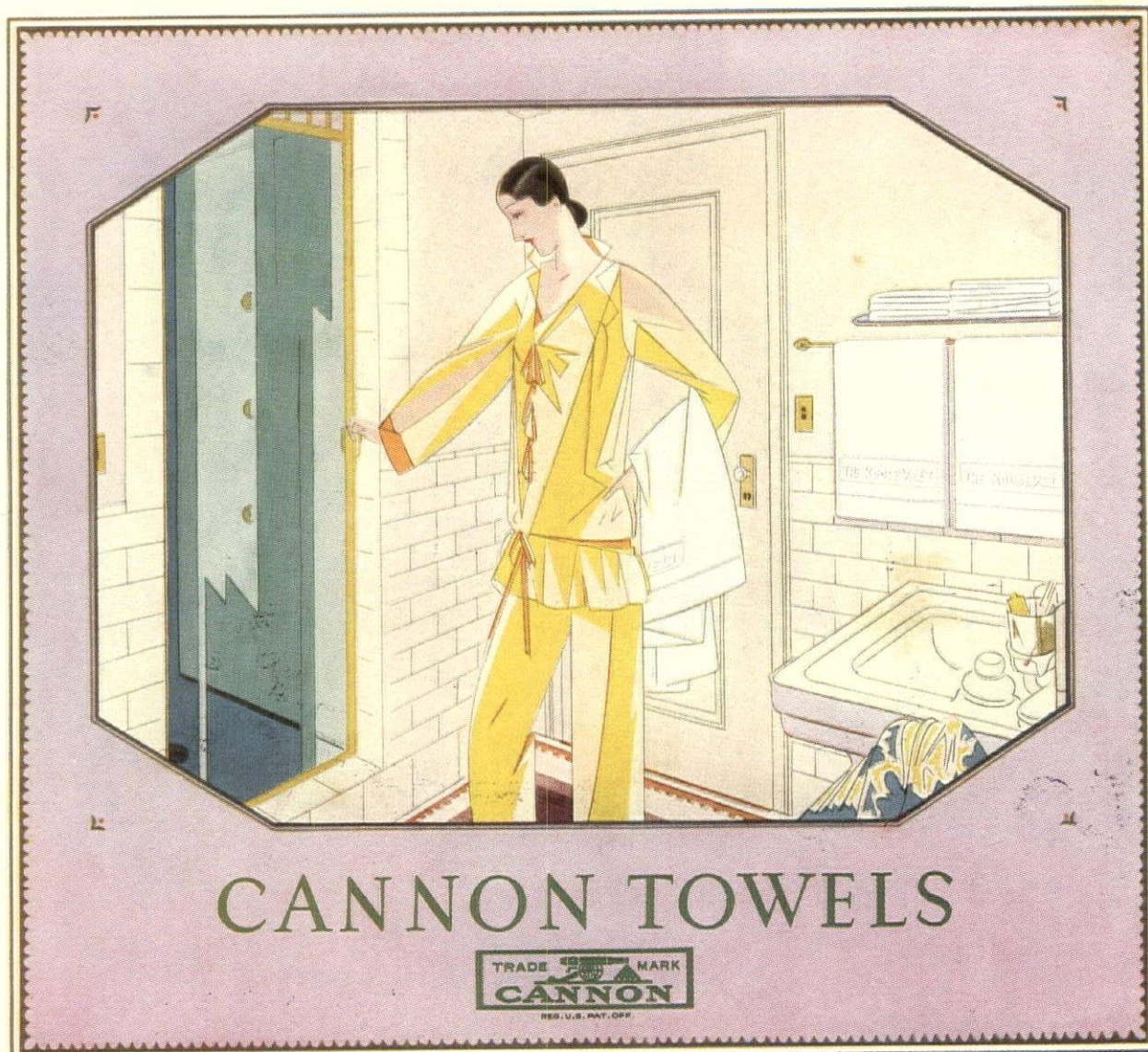


Housekeepers in the Grand Manner

The Hotel Roosevelt in New York



Chose Cannon Towels



CANNON TOWELS



IMAGINE going to housekeeping in fashionable New York at Madison Avenue and 46th Street. You would expect, naturally, to entertain the most prominent folk in the city, and indeed wealthy and important people from all over the world. . . . What an amount of furnishing, decorating, equipping you would have to do in a New York establishment like the Roosevelt. How carefully you would select each item—to make sure it was worthy of your guests and economical to use in your great household. Even the buying of face towels, bath towels and bath mats would obviously be a very important transaction.

For every use the Hotel Roosevelt chose Cannon towels. From the luxurious bathrooms of the royal suites with their glass-enclosed showers, to the Teddy Bear Cave, the children's playroom, you will find quantities of snowy white, softly absorbent, luxurious Cannon

CANNON LIGHTHOUSE turkish towel, pink, blue, gold, green, lavender.
About \$2.00.



CANNON SEAGULL turkish towel, borders in pink, blue, gold, lavender.
About \$1.50.

towels. . . . Whether you do light-housekeeping in a studio apartment or have a country estate; whether your household consists of yourself, or of yourself, a husband and six children, with a retinue of servants—you'll be wise to follow the example of the Roosevelt in buying towels. For the same reasons, Cannon towels are used in most of the famous hotels in this country.

One: They are good-looking. Many decorative new designs in gay colors.*

Two: They are extremely serviceable. Wash well. Wear well. Keep their looks.

Three: They are a real economy. Cannon towels give the most towel value you can find for the money, 25c to \$3.50. All kinds of towels. Bath mats, bath sheets and wash cloths. In dry goods and department stores everywhere. Cannon Mills, Inc., 70 Worth St., New York City.

*Colors guaranteed absolutely fast.

This FLEISHER GUARANTEE TAG

*on sweaters, knitted frocks,
children's suits, caps, gloves
and other knitted outerwear
means these things are knitted
of Fleisher XXX Yarn—
guaranteed to wear*

FLEISHER yarns need no introduction to women who have done hand knitting. For more than half a century, these famous yarns have been the recognized standard of quality, as they are today.

Arrangements have now been made with prominent manufacturers who have the same high standards for making garments, that Fleisher has for making yarns, to use Fleisher XXX Yarn in their products. . . . This means that in your local stores you can buy Fleisher quality yarn in ready-to-wear knit garments of latest styles and fine workmanship. All such garments will carry the Fleisher Guarantee Tag (as illustrated here), and wherever purchased, the wearing quality of the XXX Yarn is guaranteed directly to you by S. B. & B. W. Fleisher, Inc.

This Guarantee is Unprecedented

Fleisher XXX Yarn is such a high-grade, wonderful-wearing yarn that it deserves this unprecedented guarantee. Fleisher, who makes the yarn, guarantees it direct to the customer who buys the garment made of the yarn. . . . *If any garment bearing this guarantee tag should fail to give satisfaction in the quality of the yarn, we will replace it absolutely without cost to you.*

Knit goods can wear no better than the yarn of which they are made. This plan offers you a practical test for knitted outerwear, a safe, certain way to buy it. No more guessing, no more wondering whether the yarn in the garments will give satisfactory service! When you buy things made of Fleisher XXX Yarn, you know for a fact the yarn will wear.



LOOK FOR THIS TAG. IT TELLS YOU "MADE OF FLEISHER'S XXX YARN"

Read this Fleisher Guarantee. It is printed on the back of the Fleisher Guarantee Tag

This garment is knitted of Fleisher XXX Guaranteed Yarn, a worsted yarn made entirely of especially selected pure virgin wool, the wearing quality of which is GUARANTEED.

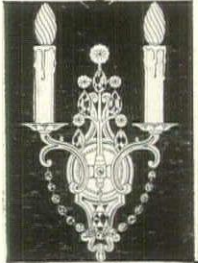
If the yarn in this garment should fail to give you satisfactory wear, send it direct to us with this tag, and the store sales slip, and we will replace the garment, or at our option refund the purchase price. S. B. & B. W. Fleisher, Inc., 25th and Reed Streets, Philadelphia, Penna.



S. B. & B. W. FLEISHER, Inc.

Makers of "The Fleisher Yarns" for more than half a century

CRYSTAL FIXTURES



*Lend a note of
magnificence*



Crystals have been gloriously revived and tendered exceptional favour by persons interested in decorative lighting. Their myriads of glinting lights reflect the magnificence of Old and Royal days.

Designers of skill and feeling have assured traditional style,

while the crystals, themselves, have been cut by knowing hands of Old World tutoring. The beautiful finishes have unvarying permanence.

Authentic lighting fixtures of every period, fashioned at the Lightolier Studios, are on review here as well as at the leading fixture dealers everywhere. The decorator or architect understands that Lightolier fixtures possess a custom appearance and are attainable in even a modest building appropriation.

On request, a beautifully illustrated and authoritative booklet, "The Vogue in Decorative Lighting." Send the coupon.

Lightolier

569 BROADWAY NEW YORK CITY

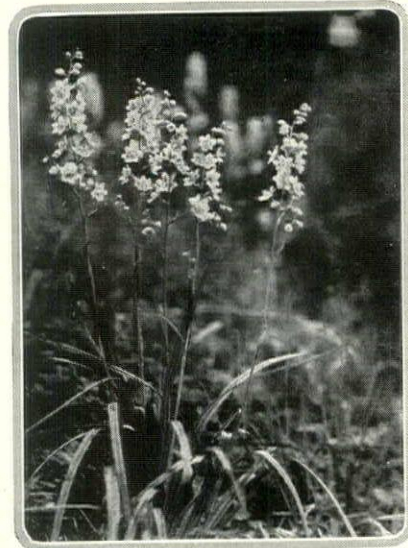
LIGHTOLIER CO.,
569 Broadway, at Prince Street, N. Y. C.

Please send, without charge, your booklet, "The Vogue in Decorative Lighting."

Name _____

Address _____

City & State _____



*At Echo Lake the Expedition found growing the pure white-flowered *Zygadenus elegans*, a bulbous plant of the upper bogs*

STALKING AMERICAN ALPINES

(Continued from page 81)

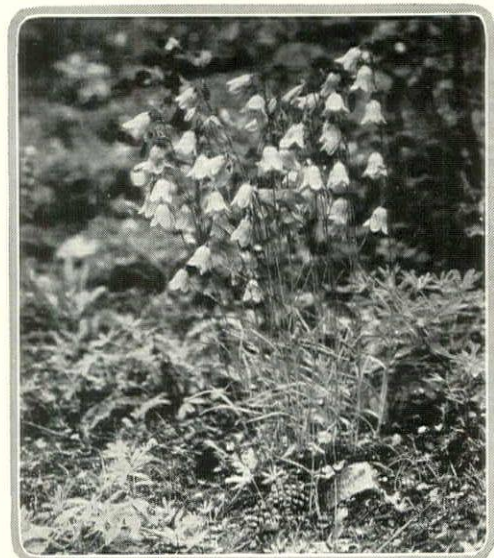
boulders torn away by slides and avalanches from the crowning slopes of the mountain which culminate in a barren crest 2,000 feet above. Along the eastern shore is a peat bog perhaps 200 yards in breadth; then come stretches of bleak, rocky hillsides, swept continuously by icy winds. Yet among the boulders, in the bog and on the slopes there are innumerable tufts and mats and carpets made of brilliant Alpine flowers.

It was rough stalking. We slipped and stumbled, waded and climbed, with benumbed fingers and watery eyes. We tramped over acres of the more abundant blossoms that grow on every high mountain, with merely admiring glances, for we were hunting real treasures that we might not find elsewhere. At last we came upon the Alpine Spring Beauty—a fine colony, snuggled among the boulders. Imagine the thrill of thus overtaking Spring in midsummer! Near by, in a secluded nook almost hidden by coarse

grasses and mosses, I spied the tiny Alpine Primrose, only one plant, but its gay crimson blossoms seemed to radiate warmth and color in all directions. Then the Director shouted, "Oh say! Here's one of those Saxifrages!" And a moment later another yell announced the finding of the other one. So we had achieved the prime purpose of our long journey and were free to hunt for other rarities, which we did with most gratifying results. For before we left on our return trip we had captured a number of plants of the glowing *Sedum rhodanthum* with its crowns of deep crimson, pink-tipped blossoms, several tufts of the dark red clover-like *Trifolium parryi* and some fine specimens of a glorious dwarf composite, *Rydbergia grandiflora*, with enormous golden-orange flowers like single Sunflowers but on stems only five or six inches high.

When we reached timber line on our downward way the car was parked

(Continued on page 156)



*The Mountain Harebell, *Campanula petiolata*, was another of the Alpines encountered by House & Garden's Expedition*



IT PROTECTS AND BEAUTIFIES



Johnson's Polishing Wax—in either paste or liquid form—is a real forward step in the art of home-keeping. It means greater home beauty and economy and decreased hours of housework.

S. C. JOHNSON & SON
Racine, Wis.

"The Floor Finishing Authorities"
(Canadian Factory: Brantford)

JOHNSON'S LIQUID WAX is the best answer to the problem of preserving the unmarred beauty of your dining table and other fine furniture. Hot dishes and spilled liquids leave no blemish on surfaces protected this sure way. A hard, impenetrable film of lustrous wax, like an invisible glass cover, shields the delicate finish from injury, at the same time heightening its charm.

Polishing furniture is so much easier, too, when you use Johnson's Liquid Wax. One simple operation banishes all fingerprints and soil, producing a dry, gleaming polish that never becomes soft and sticky.

Johnson's Polishing Wax shortens your hours of house-

work in a dozen different ways. Use it on woodwork, and on all your floors—over varnish, shellac, wax or paint—on wood, linoleum, tile, marble, or composition. Then half the care will keep them sparkling and immaculate.

Johnson's Liquid Wax is the easiest and surest way to preserve the lacquered beauty of your car. Also, applied to shoes and leather goods it wards off scars and wear.

Order a bottle of Johnson's Liquid Wax today from your neighborhood grocery, hardware, drug, furniture, paint or department store. Before you've used half-a-bottle you will number it among the essentials of enlightened, easy home-keeping.



JOHNSON'S POLISHING WAX

PASTE OR LIQUID . . . CLEANS · POLISHES · PRESERVES · PROTECTS

Chris-Crafting

the Sport Supreme

THE CALL of Chris-Crafting is the joyous, exhilarating call of freedom!

Only those who have answered it know what it means. What glorious sport! And yet, withal, what a practical, everyday sort of diversion to meet the recreational needs of busy people.

A Chris-Craft Runabout is as instantly available as the family car, ready to carry you to interesting places and interesting people at a moment's notice. A touch of the starter and you are ready for anything from an impromptu after-dinner jaunt to the most elaborate sort of fishing or hunting excursion.

Anyone who can drive a car can drive a Chris-Craft. It steers and handles the same. More than half the Chris-Craft sold last year were delivered to individuals who never before operated a power boat.

There are eleven beautiful all-mahogany models to choose from, ranging in length from twenty-two to thirty feet.

Write today for an interesting booklet on Chris-Crafting. Your inquiry will involve no obligation.

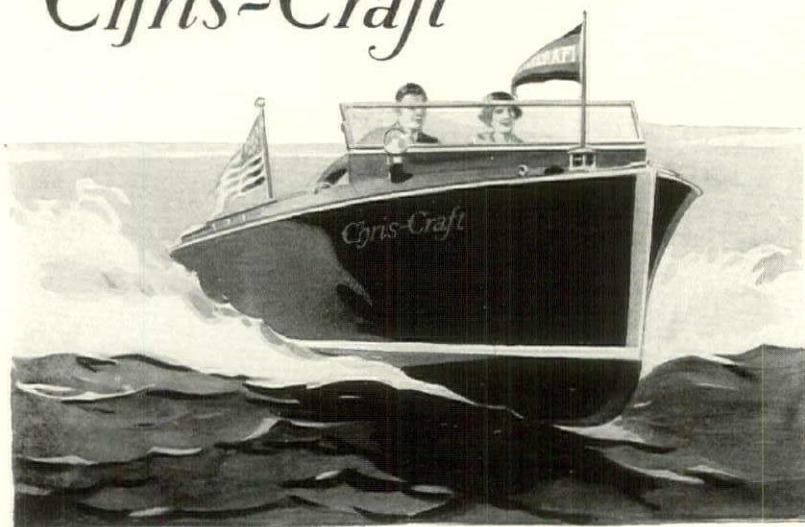
**CHRIS SMITH & SONS
BOAT COMPANY**

123 DETROIT ROAD
ALGONAC, MICHIGAN

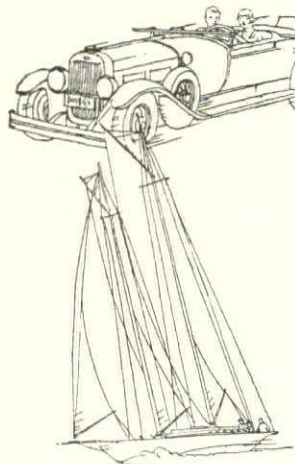
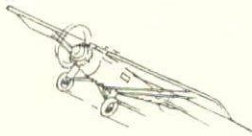
World's Largest Builders of
All-Mahogany Runabouts

PRICED AS LOW AS \$1995

Chris-Craft



**THE WORLD'S LARGEST BUILDERS
OF ALL-MAHOGANY RUNABOUTS**



STALKING AMERICAN ALPINES

(Continued from page 154)

for a few minutes while the Official Photographer got a good picture of a stunted Engelmann Spruce. It is difficult to realize that the dwarfed, twisted, prostrate bushes one sees everywhere at this altitude are true blood brothers of the lordly evergreen trees that reach a height of 150 feet or more a few miles below.

We made two more stops before we got back to Echo Lake, one for the purpose of extracting a superb clump of the azure-flowered Alpine *Mertensia* from a deep pocket among the rocks, and the other to secure an isolated specimen of the exquisite *Polemonium confertum* whose true blue blossoms are twice as large and twice as handsome as those of its near kin, our Eastern Jacob's Ladder.

A REAL FIND

We put up that night at Echo Lake Lodge and at daybreak the following morning the Director was out exploring the nearby peat bog, from which he returned in triumph, and in time for breakfast, with several flowering stems and a pocketful of bulbs of a snow-white form of *Zygadenus elegans*. Elsewhere this member of the Lily family has blossoms of a greenish hue which, in my opinion, are not particularly attractive. If, however, the white of the Echo Lake variety proves constant under cultivation, it will be a real find for the garden, as a glance at the illustration at the top of page 154 will demonstrate.

The tail-end of our journey home was over a rocky and muddy dirt road which twists and turns for some fifteen strenuous miles through great forests of Colorado Spruce. The Director took to this bumpy byway hoping to find the Spruce trees loaded with new cones that he could harvest later for propagating purposes, but his hunt was in vain—it was an off year for cones. I, however, had the good fortune to locate and dig a lusty clump of the Mountain Harebell with almost pure white flowers, so I felt that I had been able to "put one over" on my fellow explorer.

On several occasions the Director had referred with enthusiasm to a rare species of Lupine having blue flowers blotched with rich purple, that had made its home in a Wyoming roadside gully somewhere on the road to Laramie. So when I suggested one morning that our route for the day be in the direction of that alluring plant, he readily assented. Then, as we rolled along northward from Boulder he told me of a dwarf white-flowered Pentstemon, another unusual plant well worth adding to our repertory, that also flourishes near the roadside just a few miles beyond where the Lupine grows. We kept a sharp lookout for these two gems, discovered both in due course, took photographs and specimens and reached Laramie in time for dinner.

While we were eating I asked if we could not return to Boulder by a different route. "Of course!" was the reply, "Let's go back by the Milner and Fall River Passes." So we headed southward from Laramie that after-

noon, over the Walden road and through Willow Creek Pass to Granby, where we spent the night. During the afternoon we located and dug bulbs of an exquisite lavender-flowered *Calochortus*, or Mariposa Lily, and collected specimens of a dainty creeping *Pentstemon* which, when in bloom, is so entirely covered with its bright lavender blossoms that the foliage is hardly visible.

Early next morning we proceeded north by Grand Lake, crossed the Continental Divide through the Milner and Fall River Passes at altitudes of 11,000 and 12,000 feet respectively, then dropped through Fall River Canyon to Estes Park and on through the canyon of the North St. Vrain and the lower foothills back to our starting point.

We began the ascent to Milner Pass about an hour before noon and the ensuing two hours were perhaps the most exciting of all my hundreds of plant-stalking experiences. Two episodes were particularly thrilling—my discovery of the Daffodil Anemone, generally supposed to grow wild only in the Swiss Alps and Jura Mountains of Europe; and my hunting of the pink-flowered form of the Alpine Cushion Phlox during a combination hailstorm and hurricane which pounded me as with pebbles and, before I located my plants, deprived me two or three times of what little breath the altitude and the strenuous climb up a steep, slippery and stony slope had left me. Then there were the more pleasurable, but nevertheless sensational finds for me, of an unlooked-for number of unfamiliar flowers—a bright pink *Erigeron*, the ox-blood red Parry's Primrose, the red-flowered Anemone, the white Marsh Marigold, the deep blue Forget-me-not (*Erythrichium*), the Glacier Buttercup with blossoms that had penetrated and were glistening like new twenty-dollar gold pieces in the surface of unmelted snowdrifts, and hosts of tiny Senecios, Golden Asters, Drabas, Saxifrages, Sedums and other dazzling jewels of the mountain-tops.

When we were halfway down the canyon of the North St. Vrain late that afternoon the Director spied his rare rock Fern, *Polypodium hesperium*, and our cup of joy, like our paper bags and our cartons, was now filled to overflowing.

THE MESA VERDE

Another wonderful experience covering a whole week of intensive and exhilarant exploration was our long journey to the Mesa Verde at the extreme southwest corner of the State. My companion said he wanted to go down there because he had never seen the famous cliff dwellings of the prehistoric Pueblo Indians in that remarkable National Park. As it turned out, he devoted much more time to the hunting of a practically unknown but perfectly superb species of *Corydalis* on our return trip than he did to visiting Cliff Palace, Balcony House, Sunset House, and all the other excavated wonders of the Mesa Verde.

(Continued on page 158)



George Olsen,
Popular
Orchestra Leader,

writes:

"Wind condition is of paramount importance to players of modern popular music. It requires constant high pressure energy to 'put over' a song hit, and perfect wind is very essential. That is why I advise all the members of my orchestra to smoke Lucky Strikes. We have found that the full body tobacco gives us a flavor that brings much pleasure in moments of relaxation. Furthermore, our constant indulgence in Luckies never taxes our wind nor causes any irritation to our voices."

George Olsen



**The Cream of
the Tobacco Crop**

"As a Tobacco Auctioneer, I have noticed that when a particularly choice pile of tobacco is offered for sale that buyers of The American Tobacco Company are always interested, for evidently their instructions are to buy nothing but 'The Cream of the Crop.'"

J. Franklin Purfield
Tobacco Auctioneer

"It's toasted"

No Throat Irritation - No Cough.

STALKING AMERICAN ALPINES

(Continued from page 156)

Botanically speaking there was something doing every minute on that expedition, but, for obvious reasons, only the notable "finds" can be mentioned here. Unquestionably the most surprising and most beautiful foliage effect we encountered was in the Box Canyon, a local tourist attraction near Ouray, where we gazed with the keenest admiration at a sheer rock wall thirty to forty feet high, that was tapestried for several rods with the Venus-hair Fern. This graceful, feathery fern is own sister to our Eastern Maiden-hair, but has longer and nodding fronds like plumes. It is really semi-tropical by nature and its presence elsewhere than in the sunny South is purely sporadic.

Then, near Durango and again near Pagosa Springs, we saw two vast fields of brown-maroon Coneflowers (*Lepachys*), a strikingly attractive variety of the golden yellow species that is so frequent in other parts of the State. But the most marvelous plant of all, to me, was the mountain False-Hellebore, standing eight feet tall, with pure white flowers and its handsome, ribbed foliage freshly green on that August day instead of being black and shriveled after the manner of our Eastern species in late Spring. This stately plant was in a moist meadow just south of the Wolf Creek Pass and nearby was a drier stretch of several acres that was literally blanketed with brilliant masses of deep blue Pentstemons, pink and white Erigerons, and one broad patch of the orange *Helenium loopesii*, a rather well-known garden perennial that grows wild in southern Colorado.

In the upper reaches of Wolf Creek Pass we collected the tall pure white *Erigeron elatior* with enormous blossoms like those of the Shasta Daisy but without their stiff formality; and later in the day, after descending La Veta Pass, we chanced upon a genuine treasure for the rock garden in the form of a hardy perennial Zinnia! At frequent intervals, on the dry banks bordering the highway, were glowing colonies of this gay little wildflower, every one so covered with the single orange blossoms that the foliage was practically hidden. The plants are only six or seven inches high by about ten inches across and are certain when better known to create a real sensation among American rock gardeners.

TO MEDICINE BOW

Of the four other exploring expeditions we took during my stay in the mountains, the most interesting and thrilling, and the one that was most productive in unknown and desirable plants from a gardening standpoint, was our second raid into southern Wyoming, when we motored forty miles or more west from Laramie into the Alpine meadows and snow-capped crests of the Medicine Bow Range. At Laramie, in accordance with arrangements made by the Director, the personnel of the expedition was increased in number to five. The three new-comers, who are very distinguished gentlemen in the field of botanical research, were Dr. Aven Nelson, Pro-

fessor of Botany in the University of Wyoming and reviser of Coulter's New Manual of Rocky Mountain Botany; Dr. Smith, of the University of California, a specialist in the study of Lupines; and Dr. Moore, Professor of Botany at the University of Arkansas.

This journey was made in late August and the specific kind of floral game the Director wanted to stalk and capture included seeds of the purple-blotched Lupine and of the charming little Cushion Pink (*Silene acaulis*), bulbs of the Alpine Troutlily (*Erythronium parviflorum*), and a good supply of plants of the tufted white Pentstemon which we found on our former visit. There was no difficulty in relocating the Lupine and the Pentstemon and we went into Laramie with a good supply of both seeds and plants. Dr. Smith was very much interested in the Lupine and said that in his opinion it was the handsomest of all the American species.

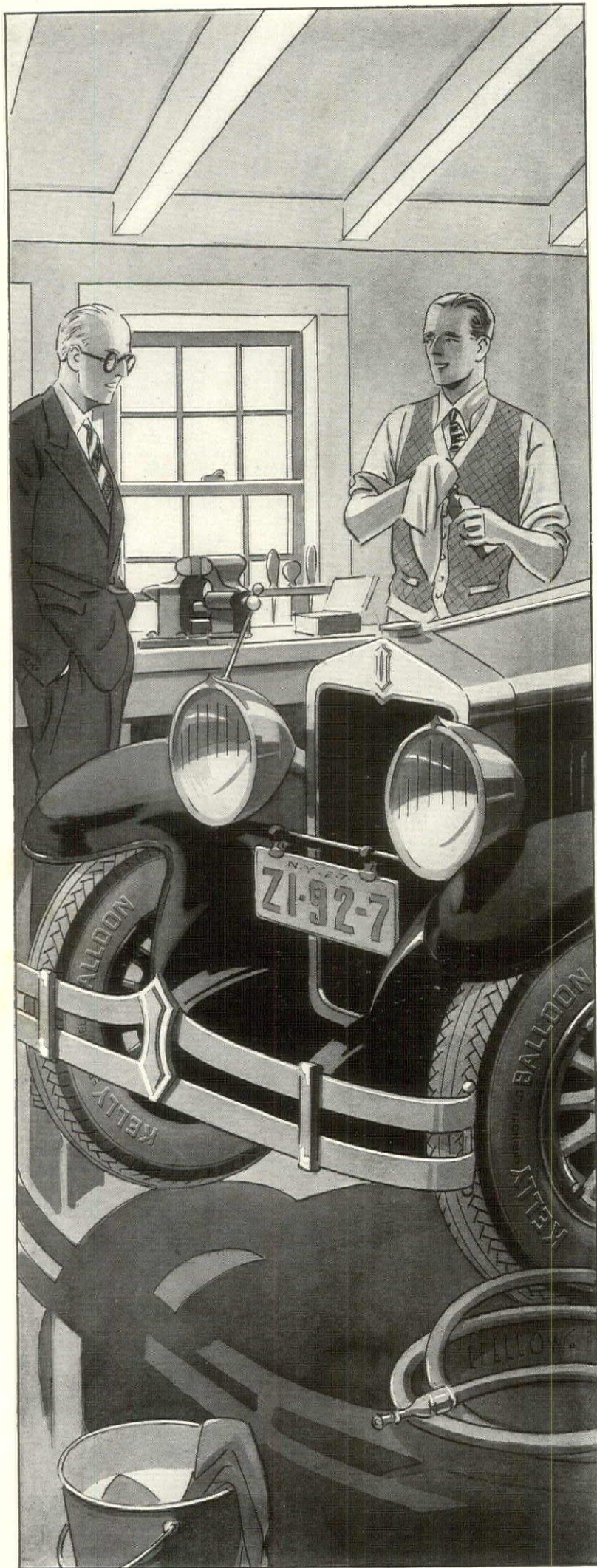
We left Laramie bright and early next morning and reached our destination in the Medicine Bow in ample time for luncheon.

TROUTLILIES

We found the Troutlilies growing everywhere, but most profusely under the Spruces and Firs of the forests. The blossoms had faded but the spotted twin leaves were to be seen wherever we walked and we were able to dig a good quantity of bulbs. I think this particular Troutlily is much the handsomest of the family. The flowers are a delightful shade of clear, bright yellow and come four or five on a stem. Moreover, it seems to take more kindly to cultivation than the California and Oregon species.

There is a mountain meadow of magnificent distances not far from the cabin, that was lush with the greatest variety of sub-alpine plants of every conceivable hue and color it has ever been my privilege to behold. The Director and myself put in a busy hour among them with our paper bags and diggers, and I have visions of seeing scores of them in glorious blossom in my garden this coming summer. We would both have enjoyed staying right there until sundown, but as we had to make a side trip to a neighboring mountain-top far above the timber line, before returning to Laramie, we were compelled to leave just as the hunting began to get exciting. Up on the mountain, however, we were compensated by finding the crest covered, as with a carpet, by the Cushion Pink; and the seed pods were just opening. It was bitter cold and there were snow-banks and drifts in nearly all the ravines and hollows up there, but we had no great difficulty in collecting two of our large paper bags full of the seeds from this worthy flower.

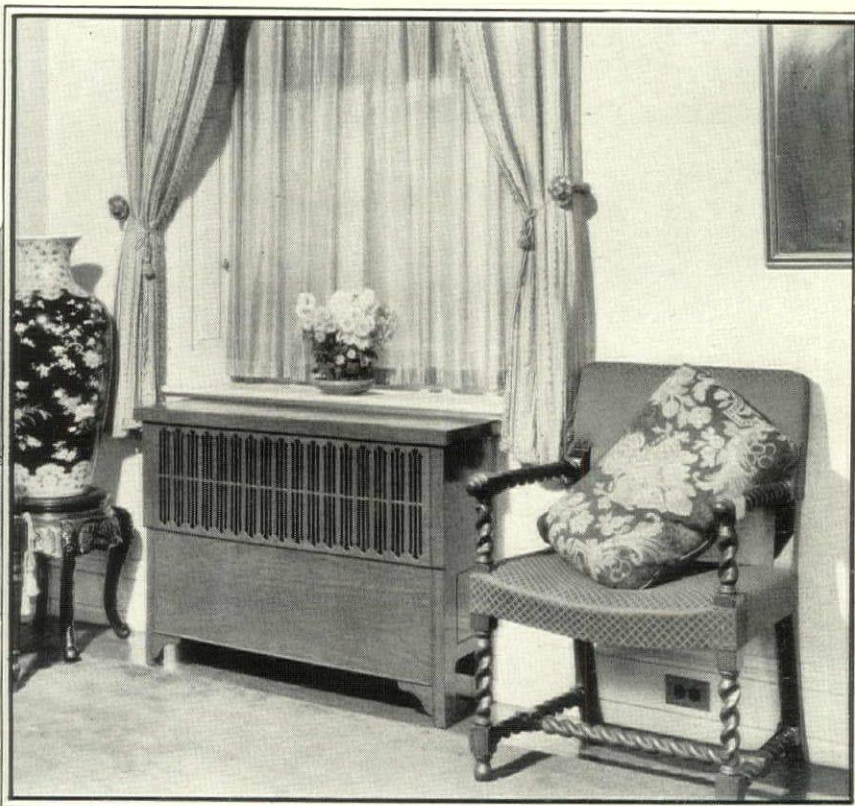
Our remaining three exploring expeditions were to localities below timber line that I had visited during the summer of 1926, so I had a sort of speaking acquaintance with the flora and was enabled to get together an attractive array of beautiful plants for trial in my garden.



"Do you think it pays to put so much money into your tires, Frank?"
 "What do you mean?"
 "Why, there are a lot of good tires that won't cost you as much as you paid for those Kellys."
 "Not good tires. Any of the better-known makes will cost you the same price as a Kelly-Springfield."



Darker and darker the walls grow, in spite of every effort to keep them clean. What a relief to have them protected once and for all!



New help for an old, old problem

*I*T'S the problem of clean walls and dainty fabrics; of how to *protect* against that subtle marauder *Dust*, as he comes sweeping upward from behind uncovered radiators! Those ever-darkening wall areas, dimmed with films of grime beyond hope of cleaning, have been the despair of women since radiators first took their place in the family circle.

The easiest and most economical way to cheat this invisible enemy is to cover each awk-

ward, unwieldy radiator with one of the lovely new Mullins Radiator Enclosures or Shields. In a twinkling, the ugly painted radiator is gone. In its place stands a beautiful piece of room furniture, finished in soft harmonizing tones of Walnut, Mahogany or Old Ivory. And, as the radiator disappears, so vanishes the old, old problem of keeping walls and draperies forever free of radiator smudge.

The heated air which formerly swept upward against the wall no longer comes in contact with it. A humidifying pan under the lid of each Mullins Enclosure and Shield, returns to the atmosphere the moisture so necessary to prevent unpleasant dryness in the delicate tissues of nose and throat. The movement of air caused by the Enclosures maintains the radiators at their full efficiency.

Mullins Enclosures are made of substantial Grade A Furniture Steel and are beautiful examples of expert craftsmanship. The design is simple and dignified. And nowhere will you find a more perfect finish. It takes its place in company with the finest

cabinet-work, lustrous and smooth.

Mullins Radiator Enclosures and Shields are available through department stores and other dealers. They are made in many standard sizes, and most radiators can be covered without delay. Once done, it is done forever, and your walls and draperies have permanent protection.

Prices of Mullins Enclosures and Shields are surprisingly reasonable. Visit your local store or dealer and see how beautiful they are. Or, write direct to Mullins for further information. It's yours for the asking. Mullins Mfg. Corp., Home Furnishings Division, Salem, Ohio.

Home Furnishings Division

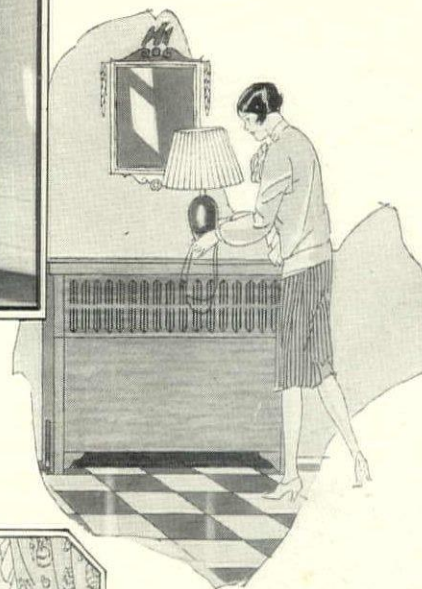
MULLINS MFG. CORPORATION, Salem, Ohio

Please send me further information about Mullins Radiator Enclosures and Shields.

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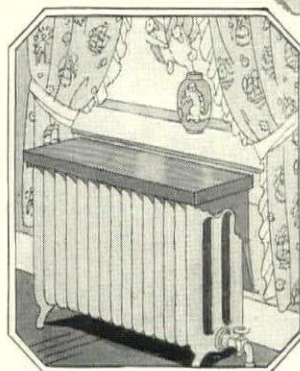
Address.....

H.C. 3-28



Instead of the awkward radiator, you have a useful piece of room decoration.

NOTE: The Mullins trade mark is on every Enclosure and Shield produced by Mullins—don't buy an inferior imitation. Insist on seeing the Mullins trade mark before you buy.



The Mullins Shield provides complete protection to walls and draperies.

Air dried of its natural moisture by artificial heat needs the addition of moisture as a matter of health.

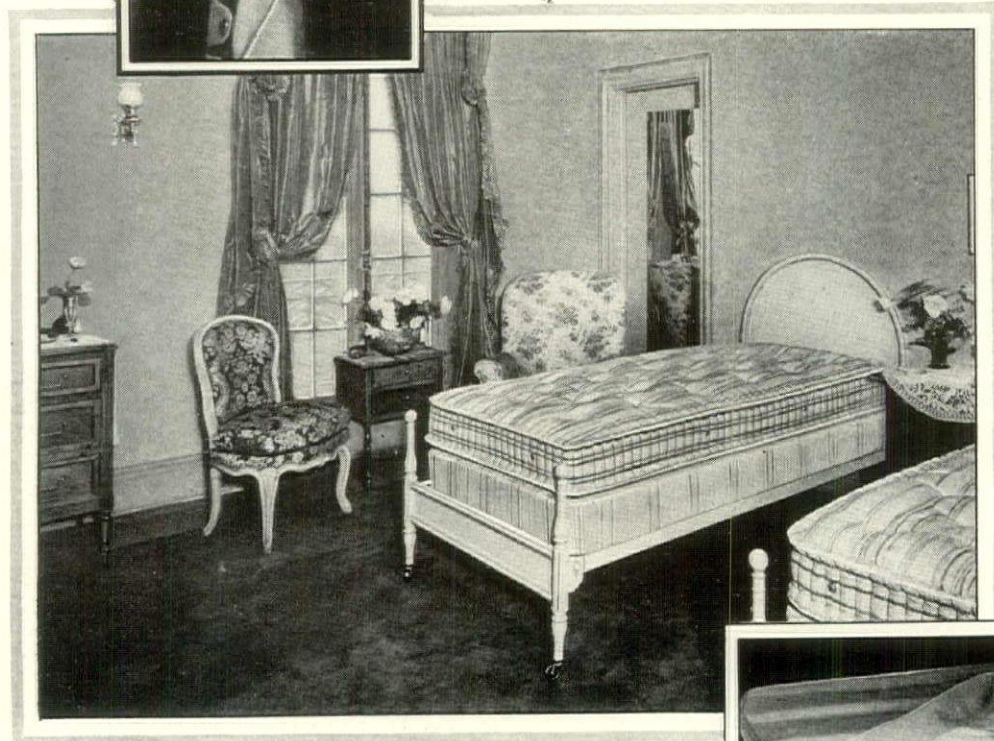
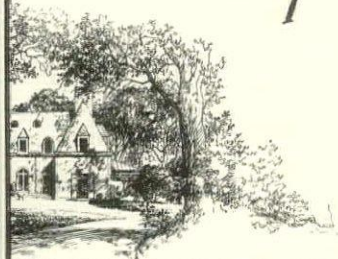


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RADIATOR ENCLOSURES AND SHIELDS

IN MRS. CHARLES CARY RUMSEY'S French Château

*this Spring and Mattress
"provide LUXURIOUS REST"*



THE "BLUE ROOM" IN MRS. RUMSEY'S FRENCH CHÂTEAU
The Simmons Twin Beds are Model No. 1581 in the modern manner,
equipped with Simmons Ace Springs and Simmons Beautyrest Mattresses.

Mrs. CHARLES CARY RUMSEY

Mrs. Rumsey was Miss Mary Harriman, daughter of the famous railway magnate, the late E. H. Harriman. She is a superb horsewoman and has a large farm in Virginia where she breeds horses. Her collection of modern paintings and sculpture is considered unusually fine. Her fondness for French architecture is revealed in the splendid château just built for her on Long Island, and filled with beautiful original French furniture.

"I AM very fond of French design and architecture," Mrs. Charles Cary Rumsey says. "So my country house is in the style of a tiny French château."

Within, the château is fastidiously French in the perfection of its appointments. The Simmons beds are modern, in the French manner.

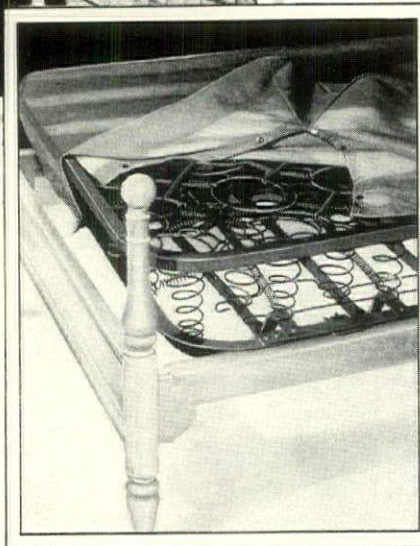
"I am a firm believer in providing the utmost comfort for guests," Mrs. Rumsey says. "I am extremely proud of the Simmons Beautyrest Mattresses and Ace Springs on these beds."

This luxurious mattress and buoyant spring are by Simmons, world's greatest makers of beds, springs, mattresses.

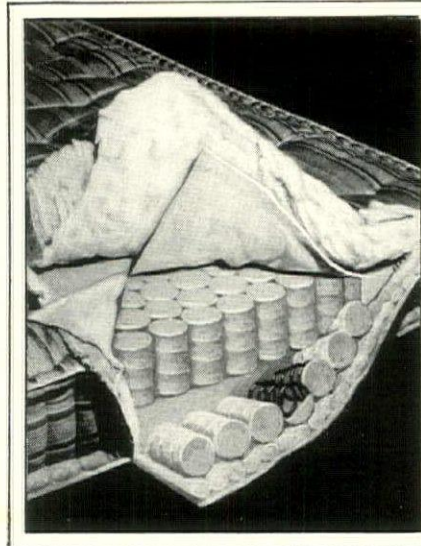
The Simmons Ace Spring is of modern "coil" type, light and easy to keep clean—delightfully practical with or without the detachable cover. The Simmons Beautyrest Mattress is world-famous for luxurious ease.

Together this splendid spring and mattress are an incomparable investment in well-being, in fundamentals of enduring comfort.

Simmons Springs, \$7 to \$60. Simmons Beautyrest Mattress, \$39.50; Rocky Mountain Region and West, \$41.50; Purple Label, \$65 to \$100. Simmons Beds, \$10 to \$60. Look for the name "Simmons." The Simmons Company, New York, Chicago, Atlanta, San Francisco.



THE SIMMONS ACE SPRING
is an outstanding achievement in a modern coil spring. Buoyant, enduring, light and easy to keep clean—it is ideal with the Simmons Beautyrest Mattress. Use with or without the smartly tailored slip cover that makes it look like a box spring.



THE SIMMONS BEAUTYREST MATTRESS
Note the sensitive, resilient coils which form the inner construction of this superb mattress. Surpassing comfort they give, and trim good looks—for, extending to the very mattress edge, they hold the smart boxed sides upright so long as it endures.

S I M M O N S BEDS • SPRINGS • MATTRESSES
{BUILT FOR SLEEP}



VARIED FORMS AND PATTERNS IN CASTELLI WARE OF A DECORATIVE NATURE
THE LARGEST IS 13 INCHES HIGH AND THEY ARE PRICED FROM \$4.00 TO \$22.00

COLOR, FORM AND PATTERN

are the means by which our most successful compositions are achieved and furthermore, our foremost interior decorators insist that each of these three must contribute its share toward the beautiful.

ITALIAN potteries have been made for hundreds of years with these same essentials in view. These colorful groups show pieces from the old Abruzzi district and the Gulf of Salerno that have been accepted by patrons of the arts in the old world.

WHILE these potteries are satisfying in themselves, they are also superb in their application to fine exteriors of any magnitude and some examples can be selected to enrich any style of decoration.



SALERNO POTTERY
FEATURING LAMP EDA 798—COMPLETE WITH TWO LIGHTS \$50.50

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Patented
WILLYS-KNIGHT ENGINE
*brought within reach
of added thousands*

THE beautiful, new, Willys-Knight Standard Six, from the moment of its introduction at the National Automobile Show, has won an enthusiastic reception that literally blankets the nation.

The superiority of the *patented* Willys-Knight sleeve-valve engine has long been accepted. Naturally, it costs more to build this advanced motor. It is only today, after fourteen years of experiment and progress, that we have reached our goal of incorporating this superior engine in a low-priced Six maintaining all of Willys-Knight's quality supremacy.

The Standard Six inherits the qualities which have won world-wide prestige for Willys-Knight. The new car is distinguished by typical Willys-Knight brilliance, sturdiness, economy, simplicity, quick starting and ease of control.

High compression with any gas

The simplicity of the *patented* Willys-Knight engine is responsible for its remarkable efficiency. Two metal sleeves in each cylinder move smoothly, silently up and down, one within the other, in a pro-

TECTIVE film of oil. There is no complicated valve mechanism with springs, tappets and cams. As a result, the Willys-Knight engine gives *high uniform compression* at all times, at all speeds—and with any gas.

Two other advanced Sixes

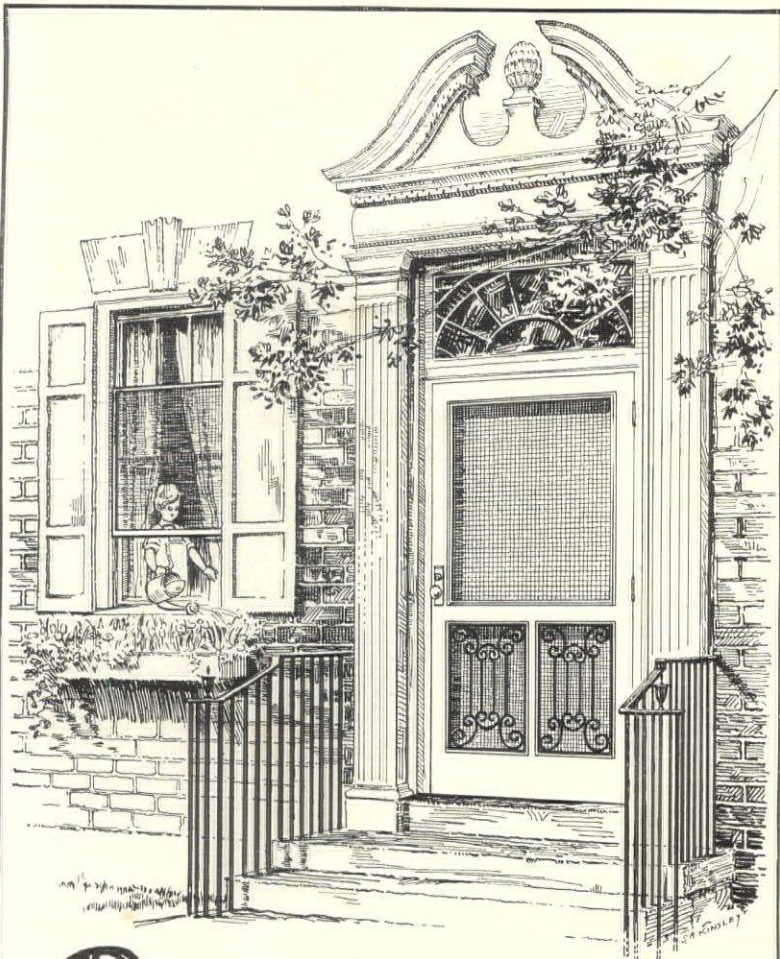
Willys-Knight Special Six—improved, finer; now with added refinements and beautiful new color options. Willys-Knight Great Six—one of America's most luxurious cars. Now, a larger, more powerful engine insures even higher speed, flashier pick-up.

Willys-Knight Sixes range in price from \$1145 to \$2695, in the Standard Six, Special Six and Great Six divisions. Prices f. o. b. factory and specifications subject to change without notice.

The Perfected Whippet—\$535

Rounding out the great Willys-Overland line, the 1928 Whippet still leads the light car field—in performance records, in features of mechanical and engineering superiority—many of which were first brought to the light car field by Whippet—and in proved merit in the hands of its owners. Now, at new low prices of \$455 to \$585, Whippet is more than ever the leader in light car value. Willys-Overland, Inc., Toledo, O. Willys-Overland Sales Co., Ltd., Toronto, Canada.

WILLYS - KNIGHT SIX



Burrowes RUSTLESS SCREENS And METAL WEATHER STRIP

A hint of Spring is in the air! Soon we can forget the stuffy, over-heated rooms and open wide our windows and doors to the welcome zephyrs.

BUT—to be assured of protection from annoying insect pests and the diseases they are known to carry it is essential to have perfectly fitted Screens, with the closely woven Burrowes Rustless Copbronze Wire Netting, which never requires renewing or painting. With reasonable care Burrowes Rustless Screens should last as long as your house.

Good Screening is an Art—closely allied to Good Architecture. Burrowes Screens actually improve the appearance of the house, because they are always individually designed to harmonize with their setting. They are made to measure only—of finest wood or metal frames, for windows, casements, doors, porches, sun parlors and outdoor sleeping rooms. Beautiful finish, handsome wrought-metal grilles and fine hardware contribute to an effect of quality that cannot be duplicated.

Fifty-five years old—the oldest and largest high-grade Screen manufacturer in the world.

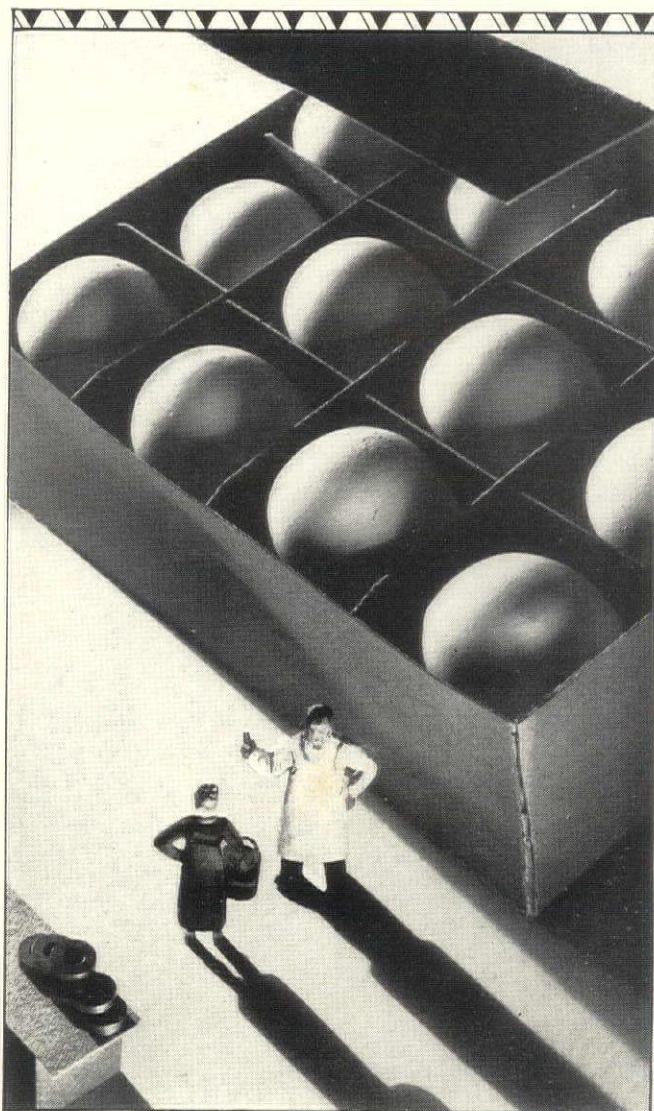
BURROWES METAL WEATHER STRIP

gives complete protection from dust, soot, water, sleet and draughts. Installed by a trained fitter, the interlocking metal-to-metal sliding contacts are practically air-proof. Obviously coal and heating bills are much reduced.

You run no risk—our work is fully guaranteed, backed up by nation-wide organization and ample financial resources. For over half a century we have been screening many thousands of the finest homes (palaces and cottages), schools, hospitals, churches and public buildings in America and Canada.

Estimates furnished without obligation—you probably will be surprised at the moderate cost, considering the magnificent Screen and Weather Strip Quality and Service. Write for descriptive literature.

THE E. T. BURROWES COMPANY
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".. 71, 72, 73, 74, 75, .. there you are lady, 75 dozen eggs"

WITHOUT a good refrigerator, a dozen eggs will spoil just as quickly as your year's supply. But there are refrigerators being used today that are failing in their food-saving service. Wasters of ice! Wasters of cold air! Food contaminants. Look at your refrigerator . . . isn't it time to get a new one . . . a Gibson?

The Gibson is an ideal place to keep food fresh and safe because it is insulated with the finest material known—pure corkboard. It is the insulation that manufacturers of electrical refrigeration units approve.

Gibson doors lock automatically when closed—air-tight! In the all-porcelain Gibson, these doors are made on solid aluminum frames which prevent warping. The seamless porcelain lining with rounded corners makes it easy to keep food compartments clean and sanitary. The trap is one-piece, cast aluminum. The patented, flat-style, non-rusting metal shelves permit dishes to slide across them without tipping—an exclusive feature with the Gibson.

You can get the Gibson in all sizes and all prices. Snowy white, all-porcelain exteriors. Beautiful wood finishes. All-metal cabinets finished in white enamel. Send the coupon for free copy of "Food and Ice for 365 Tomorrows." Gibson Refrigerator Co., Greenville, Mich.



This beautiful, all-porcelain, corkboard-insulated Gibson is ideal for ordinary ice refrigeration or can be equipped with an electrical refrigeration unit at any time.

Gibson

REFRIGERATOR

GIBSON REFRIGERATOR Co. HG
Greenville, Mich.

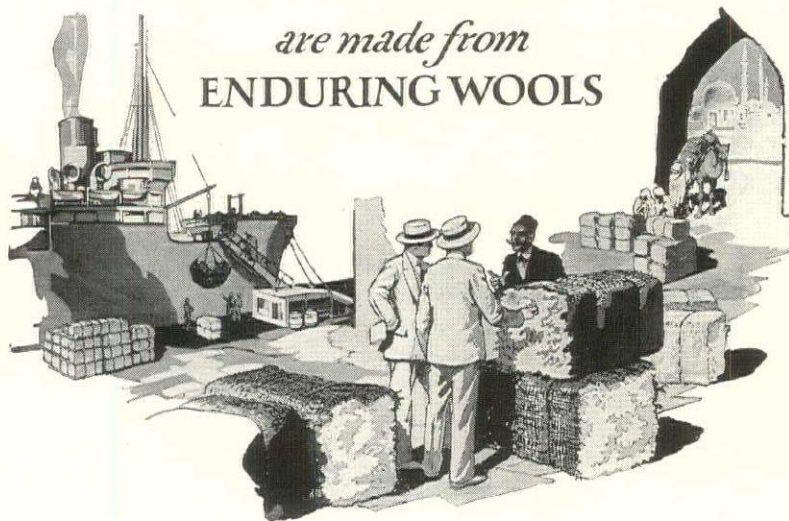
Please send me a free copy of
"Food and Ice for 365 Tomorrows."

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WHITTALL RUGS

are made from
ENDURING WOOLS



THE superb quality of Whittall Anglo-Persian rugs has its origin in those far away countries where alone may be found the long, tough fibred wools from which the finest rugs and carpets are woven.

These fine wools are inspected and selected by our own trusted buyers in the foreign markets.



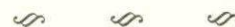
On arrival at the Whittall Mills, these wools are so expertly graded and blended that the yarns are both soft and resilient, strong but pliable, lustrous yet durable.

As no one kind of wool can possibly have all these essentials of quality, each Anglo-Persian rug represents a scientific mixture of wools from sources as widely scattered as Persia, India, China, South America or Scotland.



After these blended wools are cleansed, dried, carded, drawn and combed, they are ready for spinning into triple-stranded yarn.

These are preliminary steps, before the yarns are even dyed and woven into the Whittall Rugs which grace the floors of so many American homes.

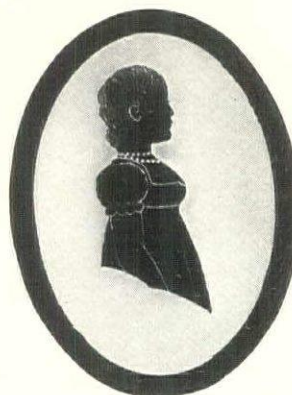
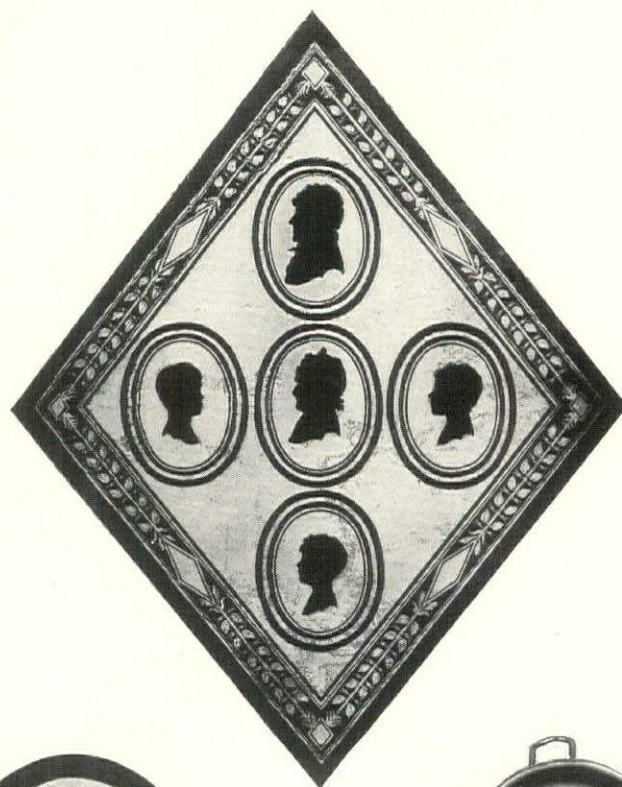
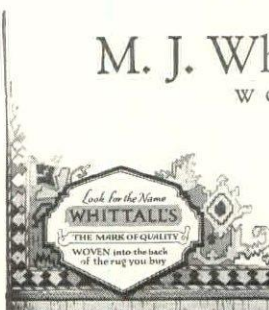


Considering the care and skill employed even in the initial steps of its production, is it any wonder that the Whittall Anglo-Persian ranks high among the world's finest machine-woven rugs?

M. J. Whittall Associates, Ltd.

WORCESTER, MASS.

Whittall Rug Catalog in Colors Mailed on Request



A Swiss example of glass silhouette in black with white shading shows a young lady in the dress of the First Empire



Black on silver was the style used by the German artist who made the portrait of Wilhelm Lapp at the tender age of seven

In France the glass silhouette was called églomisé. The family group above is in that style. From the author's collection

CHILDREN'S SILHOUETTES

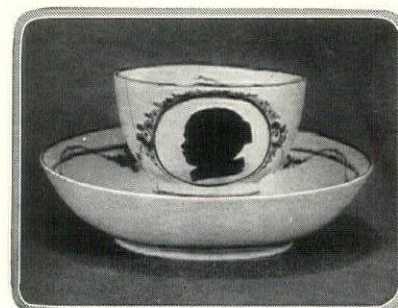
(Continued from page 108)

were always chances that sitters and fortunes would smile on the silhouettists. Many of them on their trade labels used Bath as their address, though many, among whom was Watkins, traveled from town to town during Bath's slack season, searching for sitters. Watkins painted well and this tiny girl in her clear blue frock

with nodding blue feathers on her bonnet, is both piquant and a relief from the usual black of these profile portraits.

Meriton Nelson, aged eight, was painted by "Gregory, Miniature Painter, Burlington Arcade." He is done in black, unrelieved save for the

(Continued on page 164)



Silhouettes were even used on porcelain in the 18th and early 19th Centuries

Table Delicacies for House & Garden Readers

Expect applause when you serve as first course of lunch, dinner or supper.



Cuban Tang Fruit Appetizer



USE large oranges, same size, one per person. Cut off top and cut orange so it stands steady. Remove meat. Cut in dice. To each cup of oranges add three tablespoons Martini & Rossi Vermouth (Italian or Extra Dry) and one tablespoon powdered sugar, chill on ice. Scallop shell of orange around and fill. Decorate with Maraschino cherries.

Send for
"Happy Days"
Recipes

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W. A. Taylor & Co.,
94F Pine Street,
New York

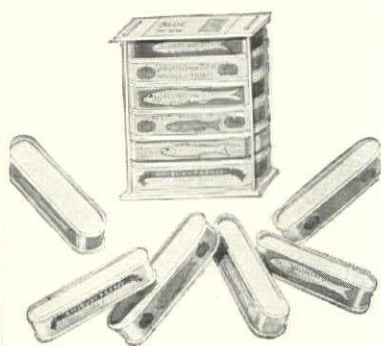
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NON ALCOHOLIC
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GENUINE CONTINENTAL HORS D'OEUVRES IN PROFUSE VARIETY

For those who know and desire racy, tangy side dishes; those inimitable relishes originated by the inspired chefs of Europe's most famous hostesses.

Six unique flavours—petits anchois, filets de maquereaux, poisson aux arômes composés, and sardines au citron, à la tomate, and à l'huile—bound together in one packet. Not too much of any one kind but plenty in all for each occasion.

Send \$1.50 to House & Garden for the packet of six cans. Four packets for \$5.50. Shipped express collect.



AN ORIENTAL CONFECTION



STEM GINGER FROM FAR CHINA

Send \$2.75 to House & Garden and we will have a jar carefully packed and shipped to you express collect \$5.00 the pair

A pleasant sweetmeat to appease the appetite at tea time or at other times. The spicy flavor of this ginger delights the taste of those who like to eat well but wisely in regard to weight.

The jars themselves are very attractive; delft-blue, flowered porcelain from Chinese kilns; 5 inches in height, contains 2 1/4 lbs. of ginger in syrup.



Physician Prescribes for the Physician

HEALTH abounds in a great delicacy; consequently many a physician is an epicure.

He prescribes Tiger Emmental-Gruyère Cheese for himself as well as for his patient, knowing its wonderful taste stimulates digestion while its lime and phosphorus benefit the body.

"Easily digested", says Dr. D. R. Hodgdon of New York.

Individual portions in tinfoil. No rind.

Look for the Tiger. Precious cheese recipes on request. Roethlisberger & Co., Inc. (Origin 1856) 178 Franklin Street, New York City.

TIGER
BRAND
Emmental-Gruyère
Cheese

BISCUITS NOT CRACKERS BISCUITS

Discovered; a bountiful box of biscuits autographed by a famous English biscuiteer.

Macaroons; an ever welcome addition to the cake dish when the unexpected guest drops in at lunch time. And there are also other macaroons, for variety's sake.

The little chocolate bun, only a mouthful (but you can have as many as you like), is carefully done up in a brilliant blue tinfoil to keep every bit of flavour in.

Here, you have a small but select sort of sandwich biscuit, with a soft filling and a nicely browned outside, suitable for any occasion when appetites need tempting.

These round biscuits are the kind to put in the picnic basket, the children's lunch-box, the pantry shelf where the young can help themselves at odd times of hunger.

Pink pastry cakes, if they do not bring the blush of pleasure to the cheek, will at least add a touch of colour to the table for the debutante's reception tea.

Powdered almonds make the top of these agreeable little sponge biscuits unusually tasty. Any after the theatre-supper would be benefited by their gay company.

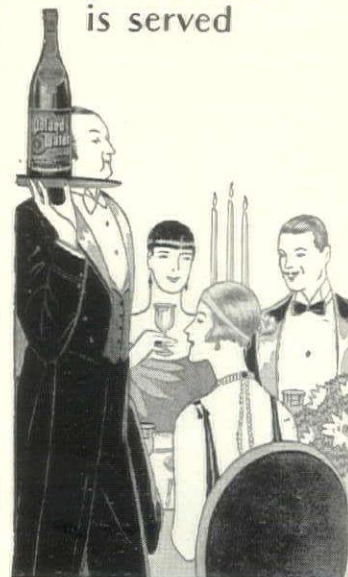
This remarkable box of biscuits boasts of petite beurettes, short breads—18 different kinds in all—almost four pounds. This compact and attractive package of goodness will be sent promptly (express collect) if you mail House & Garden \$3.25



Created from
many coffee flavors
—this special
richness

Watch
This Page
for
Choice Food
Products

There is Grace
in Graciousness—
and Nature
and hostess
are co-operating
in graciousness
when
Poland Water
is served



In this attractive window, the rose velvet pelmet was edged with gold galloon and fringe, while the straight side curtains were of flowered silk. The glass curtains of net were mounted on Judd Bluebird Sash Rods No. 9160.



SMART DRAPERY FIXTURES... reasonable in price

The Decorated Judd Bluebird Curtain Rod No. 9211-73 in polychrome finish was used in the smart window above.

In the circle is a section of the rod, shown actual size. Note the three stiffening ribs that give firmness to Judd Bluebird Curtain Rods and prevent their sagging. The brackets and rings are included with each set.

TO have window drapings that are truly smart these days, one must use decorative metal fixtures. And to be smartest of all they should be Judd Fixtures.

In Judd Fixtures all purses may be suited. There is the expensive "Hi-lite" line, rightly high in price, because of its elaboration and exquisite workmanship. There is a wide choice in the medium price range—and there are the smart but inexpensive Decorated Bluebird Curtain Rods. These are the ones in the illustration. They give an air of real elegance to the simplest window, yet their price puts them within the reach of all.

If your dealer cannot supply you, order these new Decorated Bluebird Curtain Rods direct from us. Price, \$3. each. (Brackets and rings included.) We pay postage. Mention rod No. 9211-69 if black and gold finish is desired; No. 9211-73 for the polychrome finish. H. L. Judd Company, Inc., 87 Chambers Street, New York.

JUDD Drapery Fixtures

If you would like our two interesting free booklets "Twenty-eight Suggestions for Beautiful Windows" and "Wrought Iron—and the Window Beautiful," we will gladly send them to you upon request.



A portrait of Prince Wilhelm Frederick, later Wilhelm I, King of the Netherlands, as pictured by an unknown engraver. From the author's collection

CHILDREN'S SILHOUETTES

(Continued from page 162)

white neck ruff. A most charming portrait.

The unusual group of five medalion heads set in pressed brass frames, is again the work of an unknown artist of unnamed children. They are well painted on glass, a method employed by several profilists of note, Jordan, Hudson and Rosenberg.

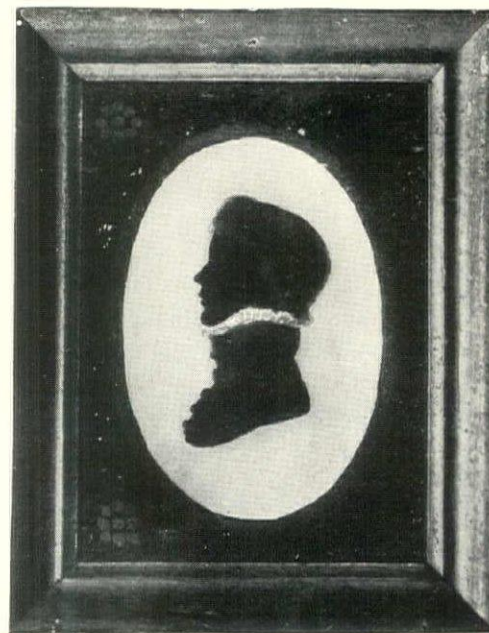
How full of life and joy are the pair, evidently a brother and sister taken while out for a run with their hoops! Their quaint clothes look very elaborate and uncomfortable for such exercise. They are painted on cards in black and gray, with hair and shoes tinted in gold. The signature on the back of each is G. Miles. Who was he; when did he live; how long did he work?

Many profilists plied their trade over a number of years at this popular watering place. For many years, even after it ceased to be a really fashionable resort, one could always feel sure of being able to have one's "picture painted or cut" at Brighton. In the

course of collecting English silhouettes the Brighton source is constantly encountered.

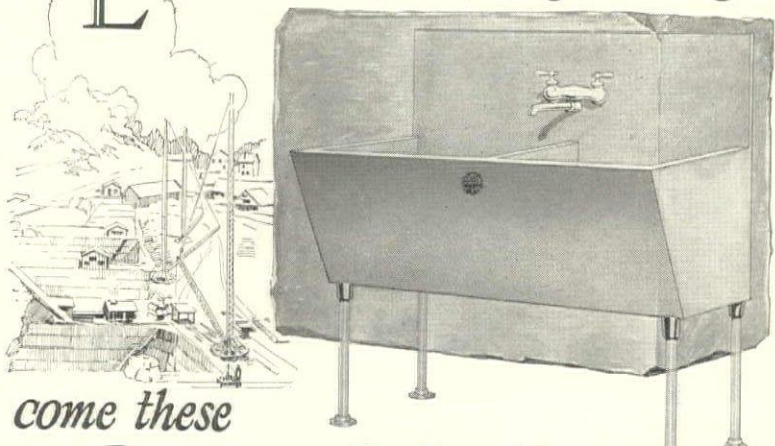
Jack Dempsey is one of the artists whose work is strongly characteristic and easily recognized, even if not signed as it usually was with a neat J. D. He was fond of the color blue, and used a bewitching shade of it, nearly approaching what is now called French or Nattier blue, in dressing his sitters. One imagines him, from his advertisements and the numerous examples of his work to be found, as enthusiastic, emphatic, rather a "rough diamond," an indefatigable worker and very modern for his day. See his card—"Likenesses in shade 3d! Bronzed 6d!! Colored 2s.6!!! Observe it is Dempsey's." Isn't that last sentence pure 20th Century Americanese! Doesn't one frequently see it on advertisements in this country today? And Dempsey was using it in Old England in 1840. Then he reminds "Emigrants, Travellers, and the Public

(Continued on page 166)



Meriton Nelson, aged eight, was painted by Gregory, Miniature Painter of the Burlington Arcade, London. From the collection of the Rev. Glenn Tilley Morse

Out of ENDURING ROCK



come these Permanently Sanitary LAUNDRY TRAYS

AS truly, in effect, as if the chisel of a sculptor brought it whole out of a block, an ALBERENE LAUNDRY TRAY is a tub of solid stone, with all that means in permanence and absolute sanitation.



For it is fabricated of slabs of a quarried stone of unique properties, needing no change whatever to make it especially fit for this use.

Alberene Stone is non-absorbent, durable and impervious to even the strongest alkali. It has the same dense, close-grained composition clear through; its surface can never crack or craze to expose inferior material beneath. With ordinary care it will always retain its beautiful appearance.

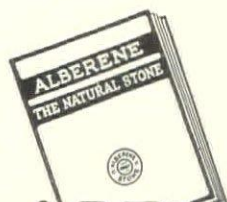
These characteristics, which have made Alberene the almost universal choice for the finest laboratory equipment, are of equal value in the home laundry. Furthermore the pleasing light gray of the natural stone harmonizes with walls of any color.

Alberene Stone Trays are not only reasonable in first cost; considering their durability and positive sanitation, they are the most economical of trays. *Every tub carries an absolute guarantee.*

Alberene Stone Laundry Trays are stocked by leading plumbing supply dealers; and sold and installed by plumbers.

Alberene the Natural Stone is a booklet telling the interesting Alberene story. Send for a copy.

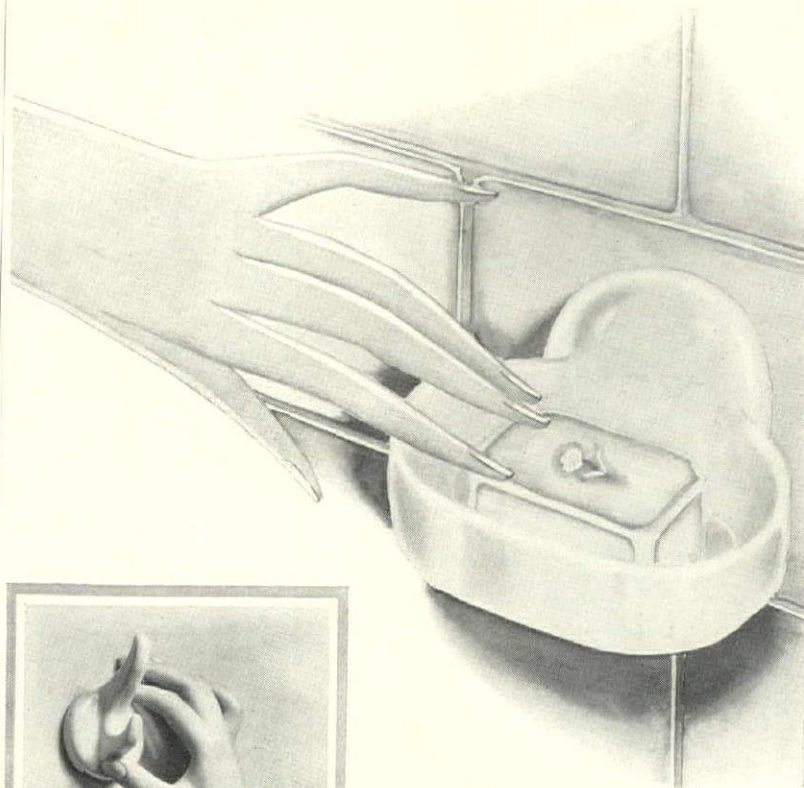
ALBERENE STONE COMPANY
153 West 23rd Street
New York



ALBERENE

STONE
LAUNDRY TRAYS

a graceful china soap dish «in pure white or delicate tints»



"Easy-Set" fixtures attach to the bathroom wall with a cleat (no screws visible) and are readily removable for cleansing.

TO KNOW the real charm that a bathroom may have you should equip your bathroom with "Easy-Set" fixtures in colors. They are most beautiful, practical bathroom accessories—and their soft colorings allow combinations that are most effective. They are easy to install.

Leading architects advise their clients to install "Easy-Set" fixtures when remodeling

their old homes, or when building new ones.

"Easy-Set" fixtures are the only china fixtures that can be quickly removed from the wall and cleansed when desired. Yet in actual use they fit as snugly as though they were part of the tile. See these fixtures at your dealer's, or write to J. H. Balmer Co., 259-267 Plane Street, Newark, New Jersey.

J. H. Balmer Co., 259-267 Plane St.
Newark, N. J.

Gentlemen:

I am interested in charming bathrooms. Kindly mail your new booklet describing "Easy-Set" China Bathroom Fixtures in white and five modern colors.

Name _____

Street _____

City _____

EASY-SET

CHINAWYTE BATHROOM FIXTURES

In White, Azure, Pool Green, Ebony, Orchid, Fawn

CHILDREN'S SILHOUETTES

(Continued from page 164)



Judge value by these things

simplicity • economy • quietness • roominess

THE General Electric Refrigerator is so simple that it hasn't a single exposed moving part. It hasn't a belt or a fan or a drain pipe. It has no connections or stuffing boxes. It never needs oiling because the hermetically sealed casing which holds *all* the mechanism also holds a permanent supply of oil.

A specially designed motor of low horse-power, but high efficiency, uses very little current. Then, too, the top-unit design allows all the heat generated to rise above the box—not through it.

Standards of quietness vary so widely that we can only invite you to listen to the refrigerators yourself to find how quietly they operate.

The remarkable compactness of the chilling chamber gives each model the greatest shelf area for food.

Fifteen years of research in the General Electric laboratories has resulted in this revolutionary design.

More than fifty thousand homes already enjoy General Electric Refrigerators. The fact that they are the product of General Electric research is your *greatest* guarantee of value.

There is a wide range of models and prices. All are shown in a completely descriptive booklet N-3 which will be sent you if you merely drop us a card.

GENERAL ELECTRIC Refrigerator

ELECTRIC REFRIGERATION DEPARTMENT of GENERAL ELECTRIC COMPANY
HANNA BUILDING CLEVELAND, OHIO

that the new penny postage offers a safe and cheap method of sending mementoes" (his profiles). Could anything be more modern and in the style of these days? He was the last of the silhouettists of note, but in his time was an artist worthy to be ranked with some of his predecessors of the golden age of this minor art. An example of his work is shown on page 108. It is cut from brown paper and the clothes are painted his own delightful blue. The little boy and his dog are a quaint and unusual grouping. Few of the other artists put the children with their pets.

After 1850 the art of silhouette making declined in England, so that in *The Newcomes*, Thackeray, who later made a silhouette in water color of himself and a child, describes children "as wondering at the sticking plaster portraits with gold hair and gold sticks, and prodigious high heeled boots, miracles of art and cheap at seven and sixpence." Little he dreamed of the prices these same portraits would bring just a few decades later both in their native England and in far off America, where his modest shillings are now translated into dollars and then multiplied. But whatever price is put upon these relics today, they have a value as throwing light on the days that are gone which is not to be reckoned in the coin of any nation.

Long before the days of Thackeray, the names written on two portraits show that one little English girl crossed the Channel to France and there in Paris went with her father one day to the Street of the Good Children to have her picture made by Edmé Quenedey, a well known French artist of the time. His atelier was at No. 45 Rue des Bons Enfants just off the Palais Royal. Who were the good children who gave the street its pretty name? Surely not the few childish sitters of whom the artist Quenedey has left records. For his portraits he used a physionotrace machine, invented in 1786 by an engraver named Chretien to trace the outlines of profile portraits. After reducing the outline the profile was engraved either in solid black or with elaborate details on a copper plate from which any desired number of copies could be struck.

ÉGLOMISÉ SILHOUETTES

A type of silhouette to which France has given the word "églomissé" to describe them, is a portrait or other decorative work applied on glass. The art had been practiced for many years, but during the 18th Century the process was perfected by an artisan named de Glomi, whose name transformed into "églomissé" has since been applied to this genus of glass picture. The portrait is generally painted in black on the glass and backed by gold or silver leaf. One of the examples on page 162 portrays a fine-looking French family: the parents, two boys and a little girl. The group is surrounded by a delicate border of a contrasting gold design on a black background. Unhappily

there is no trace of the artist nor of the family's name.

The charming little girl in the dress of the First Empire was made across the border in Switzerland. She is painted on glass in black, shaded in white, set off by a painted white background. The oval is of gold and black and outside this the background is a vivid blue, which gives a quaint touch to the appealing little figures. *Il ne reste que l'ombre* of this charming child. Did she grow up to break hearts? Who can tell.

This style of portraiture was adopted by the engravers of the 18th Century and black profiles were used to illustrate biographies and histories.

ROYAL PORTRAITURE

The royal portrait of Prinz Wilhelm Frederik by an unknown engraver, probably a German, shows the future sovereign Wilhelm I, King of the Netherlands, 1815-1840. Although just a little boy, he is an exact copy as to uniform and hair dressing of grown-up members of his family depicted in the same group. These include his great-uncle, Frederick the Great of Prussia, his father, and an uncle.

The portrait of Wilhelm Lapp, seven years old, is a fine example of églomisé work. The block profile is backed with silver with a block setting. The oval with the monogram WL is of gold. It is of German work and was found in Düsseldorf, where strangely enough the boy riding with his father was made, although it was purchased in London. About 1840 Wilhelm Müller, a journeyman shoemaker, living in Düsseldorf, cut small scenes with scissors. His patrons could order any subject they desired, the more intricate, the better it pleased him. There is no telling who the originals of this picture are, but there is no doubt any boy would enjoy a canter on such a pony in company with the grown-up rider and the dog.

The last type of the silhouette to be depicted is that of the porcelain maker. At the end of the 18th and the beginning of the 19th Century many of the best known factories made individual pieces with portraits of the reigning families. These latter were made for presentation.

One imagines the little girl on the portrayed cup at the bottom of page 162 was for her mother. It is of Gera porcelain from a factory which flourished in Gera, Saxony, about 1780. In the saucer are the initials C. P. W. W. made of rose garlands, probably the little girl's name, but there is no information about her.

Elusive shadows of childhood of long ago, preserved for us by a very charming and varied art practiced in many lands, how attractive they are and how they remind us of the rosy, happy, lovely children we see around us today!

NOTE: A previous article, describing *American Children's Silhouettes*, by Miss Martin, appeared in the December 1927 issue.

A NEW WAY to Fight Fire!



The Automatic FIREMAN

..... always on Guard!

OLD-FASHIONED methods of fire-control are now as obsolete as the one-horse shay . . . for today it is as easy to protect yourself against fire as to guard against smallpox by vaccination.

With this modern marvel of fire-fighting efficiency you have both a *watchman* and a *fireman* constantly on guard in your home, protecting your property and the lives of your loved ones. Day and night . . . hour after hour . . . year after year . . . SHUR-STOP is ever alert against the moment when fire may break out. Then . . . *automatically* . . . almost before anyone knows there is a fire . . . the fire is out!

So simple that women and children have used SHUR-STOP in emergencies and thereafter put aside their fear of fire. So dependable it will protect them *automatically* even though they do nothing to protect themselves.

Nothing to fail in a crisis . . . no mechanical parts to get out of order. Hermetically sealed . . . cannot evaporate or corrode . . . as good twenty years from now as the day you buy it . . . and *guaranteed* as follows—

PERPETUAL REPLACEMENT GUARANTEE

Every SHUR-STOP used to fight fire will be replaced free of charge. There are no refills, no service charges . . . the first cost is the last!

There are already tens of thousands of SHUR-STOP installations throughout the United States and foreign countries. Already hundreds of SHUR-STOP equipped homes and other structures have been saved . . . millions of dollars of loss prevented. Let the enthusiastic endorsements of Fire Chiefs and Fire Marshals in all sections of the country guide you to real *fire-safety*.

At \$3.50 each, automatic SHUR-STOP protection is something that no thinking man can afford to ignore. You wouldn't deliberately expose your loved ones to the horrors of fire . . . then write today for the astounding, but true story "The First Hundred Fires". Use the coupon below.



\$3.50

Salesmen—
District Managers

Only once in a lifetime does an opportunity like this one for Service and Profit present itself. Write or wire today for full details.

Shur-Stop

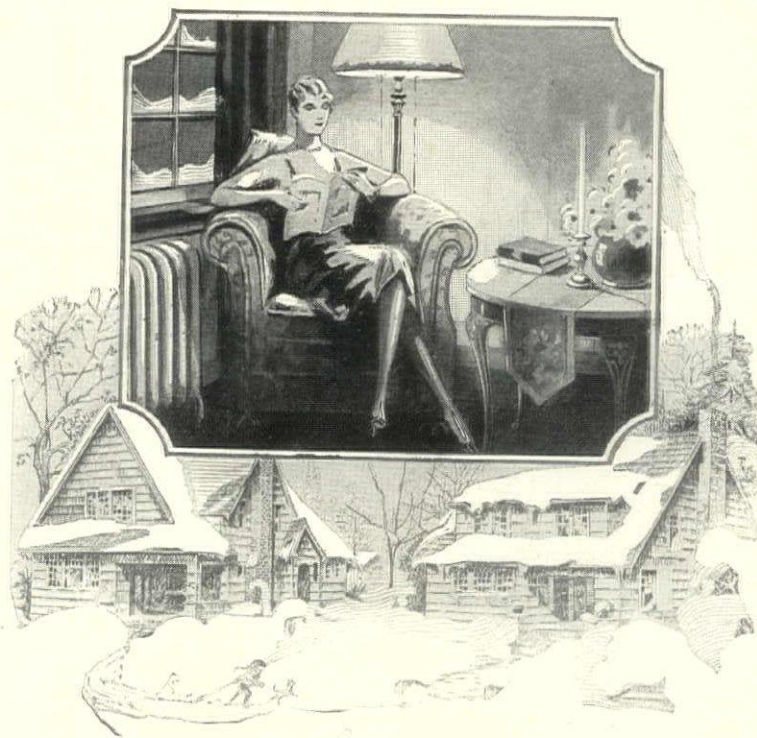
U.S. PAT. NO. 1,468,163
Other pats. pending

"The Automatic Fireman"

PRODUCT OF
INTERNATIONAL FIRE EQUIPMENT CORPORATION
WEST NEW BRIGHTON, STATEN ISLAND, NEW YORK

Without obligation, please send me your booklet and full information how to safeguard my home and family against Fire—*automatically* and at trifling cost.

Name.....
Address..... City..... State.....



The folks who live
in Edgwood homes
save 10 to 47% on fuel

THINK for a moment what owning a home means. In terms of dollars, it means an asset or a liability—economy or expense. Six months of the year at least, the house must keep out the cold . . . the other six months keep out the heat.

Edgwood red cedar shingles have greater insulating qualities than any other standard building material in use for roofs and sidewalls. Their resistance to the transmission of heat saves from 10 to 47% in fuel costs. Inversely, the home will be that much cooler in summer—comfortable.

Edgwood shingles, sawn edge-grain from the mighty cedars of British Columbia, are pre-eminent in quality—they cannot be made better. The parallel grain equalizes the strains and stresses, so that Edgwoods will not warp, cup or curl. They cost less laid than ordinary shingles, and measured by years of service, this difference in cost is startling. Edgwoods combine the five essentials of good building—appearance, durability, economy, safety and insulation.

Architecturally, there is no more beautiful exterior building material than Edgwood red cedar shingles . . . the thick butts create luminous highlights and deep shadows, soft penciled lines and texture that absorbs and holds color. All these things, so desirable in a home or community building, are yours when you build with Edgwood red cedar shingles.

Ask your architect, your contractor, or your lumber dealer about Edgwood red cedar shingles . . . they will tell you why edge-grain shingles are better, and Edgwoods in particular. Fill in coupon now, whether you intend building immediately, or not.



Write for FREE booklet "Edgwood Homes," containing many examples of delightful modern homes together with expert advice on remodeling and re-roofing. Fill in coupon.

TO BUILDING SUPPLY DEALERS: Edgwood sets a new standard in red cedar shingle merchandising. Write for sales plan and list of Edgwood mills—the quality name "Edgwood" appears on every bundle together with the manufacturer's label—a double guarantee.

THE CONSOLIDATED SHINGLE MILLS OF
BRITISH COLUMBIA LTD.
907-D METROPOLITAN BUILDING, VANCOUVER, B. C.
Please send me booklet "Edgwood Homes".

Name.....
Address.....
I am.....
(State whether home-owner, architect, builder or contractor)

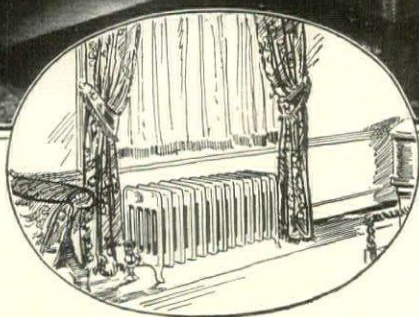
EDGWOOD SHINGLES

Cut edge grain—will not warp, cup or curl

CUT FROM THE MIGHTY CEDARS OF BRITISH COLUMBIA



In the New York apartment of Leo Bing, Esq.



Where a ROBRAS 20-20 Is Used—No Radiator Is In Sight

Imagine how disfiguring would be an old fashioned radiator in this beautiful living-room. Two inconspicuous cane work grills here alone betray the source of the bountiful warmth. It comes through them, from a Robras 20-20 radiator hidden in the wall. Wherever appearance is important, these radiators are rapidly taking the place of the antiquated, in the way, cast iron radiators.

These Robras 20-20 radiators can be set up in a standard studding. That is, in the space between the inner and outer walls. They are then, in the walls, usually under a window and entirely out of the way.

Because they are made of brass, they never need painting or other upkeep. Freezing can't harm them. They can be used with hot water, steam or vapor systems.

They are 20% the size and 20% the weight of an equally rated cast iron radiator. Your name sent us on the coupon below will assure your receiving a booklet telling you interesting things about this modern Radiator.

ROME BRASS RADIATOR CORPORATION

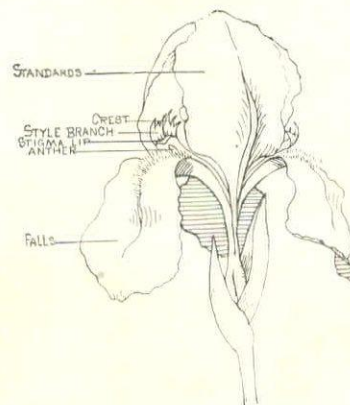
1 East 42nd Street
New York

Send me full
details about
the ROBRAS
20-20

H.&G.3-28

Address

Name



The component parts of an Iris flower are shown in this drawing. A knowledge of them is important to the plant breeder

HOW TO RAISE YOUR OWN IRIS

(Continued from page 87)

and height. One of the best yellows which we have at present is Shekinah, from Miss Sturtevant. It grows about three feet high and is of a very soft shade of yellow with an orange beard. Many yellows have been produced: Yellow Moon, an amber yellow from Miss Sturtevant; Dawn, an improved Flavescens, from Yeld; Moonlight, a beautiful new one from Dykes; Virginia Moore, from Shull; the old variety Flavescens; Aurea; and Mrs. Neubrunner, which is quite dwarf and a deeper yellow. And the breeders are still seeking perfection.

The whites have engaged the attention of other breeders. We have some beautiful whites at the present time: White Knight is very lovely, and there are White Queen and Taj Mahal, with no darker markings. The old Mrs. H. Darwin is still a favorite, with purple reticulations on the haft. It is low growing but very free flowering.

Some breeders are striving to produce the finest Plicata, a pure pink; yellow on a white ground; red on a yellow ground; and so on *ad infinitum*. The field is large, the possibilities are almost endless.

If one goes about the crossing with a thoroughly scientific system, the stamen will be removed from the flower to prevent any self-fertilization and a piece of paper or a paper bag tied about the flower to shut out the insects which might bring pollen with them. It has been thought advisable to cut away the falls from the opening flower and so reach the stamens before the petals have unfolded. Of course, that anticipates any possible ripening of the anther, but personally I have not yet reached that absolutely scientific stage when I can mutilate the flower to such an extent. So in the little hand fertilization that I have done I cut the anther off just after the flower has opened.

About the middle of the morning on a sunny day is the best time to go to work. We begin by cutting off the anthers from the flower which we wish to make the pistillate parent. A little

later in the morning, when the flower is fully expanded, the stigma lip will be seen to be folded down. Cut the ripened anther from the flower which you wish to use as pollen parent and rub it on to the lip just where the lip joins the crest of the style branch. You can easily see whether or not you have deposited the pollen. Some plants make good pistillate parents, some good staminate parents, and some will be equally good in both relations. Others will refuse to set seed from any pollen, still others have pollen which is not active, and some are absolutely sterile.





My first experiment was with Her Majesty, which has the reputation of being a good pistillate parent, and also with *Pallida dalmatica*. I think that neither Asia, with all its beauty, nor any other high priced hybrid from skillful hands will ever bring the thrill that came when, inside the protecting bags, I saw the swelling seed pods. There was satisfaction the following spring, too, when the little spears broke through the ground, or better still when two years later the wonderful things, my own crosses, bloomed for me.

The bees now do a lot of crossing for me which they did not do in years gone by, and sometimes the results are very lovely. The seeds should be planted as soon as ripe or very early that same fall, and in a protected location which will not be interfered with for some years, for Iris seed has a very unequal germinating habit, and some seeds take as long as four years to push through the earth. The seeds seem to need the effect of the frost and if a winter covering is used it should be put on after the ground has been frozen.

In the early spring the little seedlings will be seen coming up like spears of grass, and when these have attained three leaves they should be transplanted carefully into another specially prepared place. Some of these plants may bloom the following spring, but most will not bloom until a year later, and some will take an even longer period of time.



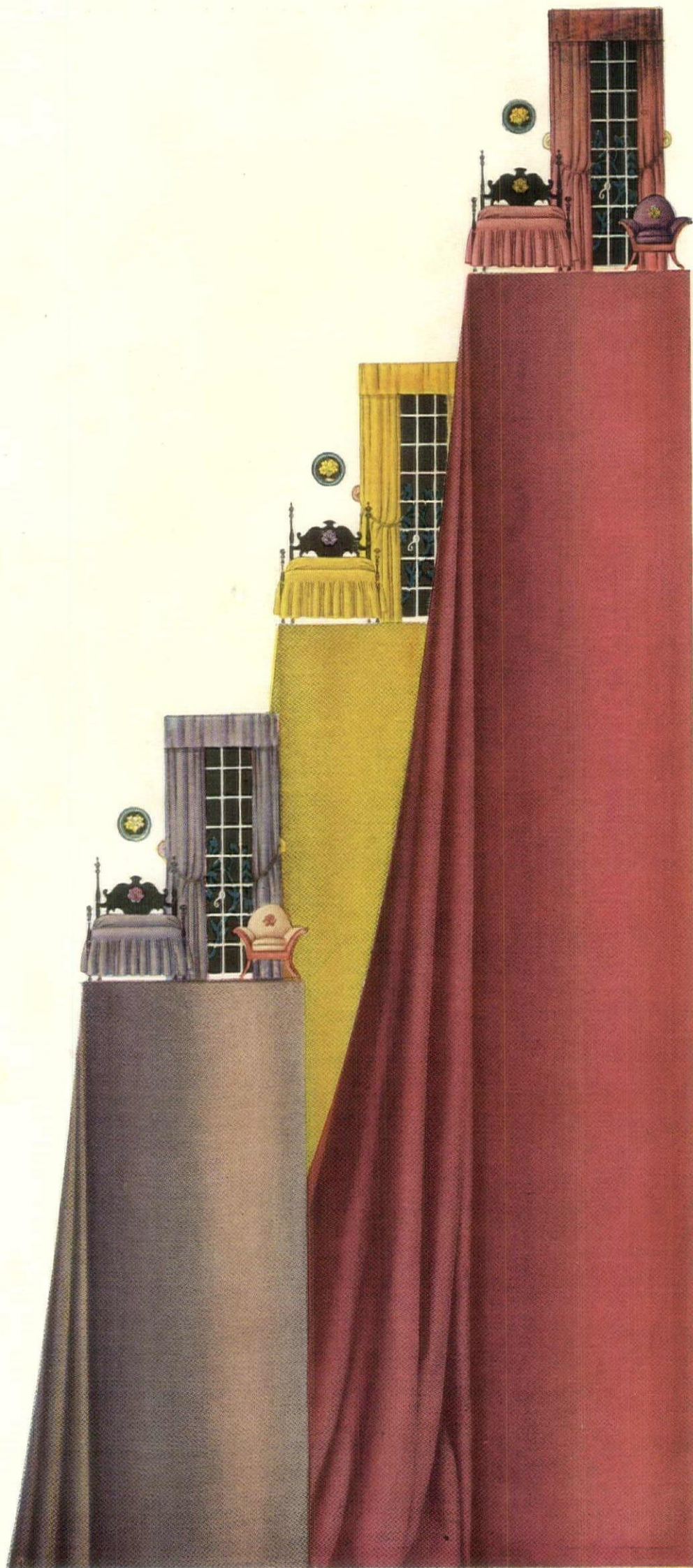


ST. MORITZ . . . with its beauty of brilliant colors against the whiteness of the snow . . . with its happy winter sports . . . St. Moritz . . . cosmopolitan . . . fashionable. Each season brings Lady Phyllis Wynslow of England * to this fairyland. The story of her beauty travels ever before her . . . indeed, her complexion, some have said, rivals the petals of a rose.   For a century and a half the ladies of Lady Phyllis' family (and in Paris too where it is known as "le savon des elegantes") have entrusted their fair complexions to the absolute purity of one fine mellow soap. Yardley's Old English Lavender. For this long time it has been giving to their skins a delicate smoothness, and a lingering fragrance famous all over the world.   In the other Yardley products, too, Lady Phyllis has found this fresh, lovable fragrance. England's best, obtainable anywhere in America. "The Luxury Soap of the World," box of three cakes \$1, or 35c the cake; Lavender Perfume, \$1; Face Powder, \$1; Compact, \$1.25; Talc, 50c; Sachet Tablets, 25c; Shampoo, 15c the cartridge; Bath Salts, \$1; Bath Dusting Powder, \$1.50. Yardley, 8 New Bond Street, London; 15-19 Madison Square North, New York; also Toronto and Paris. * *Out of deference to our clientele we have refrained from using actual names.*

Yardley's Old English Lavender Soap



Established in 1770



These draperies tell an amazing story !!

*Why are these fabrics replacing fine
silks, damasks and imported linens
in America's exclusive homes?*

A few short years ago, no one dreamed that a unique fabric presenting a unique yarn would be sought from coast to coast as the most popular, as well as the most beautiful, material for the interior decoration of the home.

The Leshner Studios have given Mohair its remarkable impetus by creating colors and designs that rival the beauty of nature itself. Today, Leshner Angora Mohairs in their soft, silky, lustrous glory are made in motifs exquisitely modern—and motifs that bring back the splendor of old-world pageants. So varied are their weights, weaves and patterns, that one may choose ideal harmonies for draperies, upholstery, wall hangings, *bedspreads*, casements and glass curtains.

For years, great hotels, de luxe steamships and famous institutions have chosen them for their practical advantages: Their sturdiness and long life, their natural quality of drape, their facility for shedding dust and dirt, their sun-fastness, the ease with which they wash.

But today, it is their amazing *beauty* that endears them to decorators and to women who love charm in their surroundings.

Department stores and interior decorators in every part of the country can show you Leshner Angora Mohair Draperies; if you have the least difficulty in obtaining them, we are ready to help you.

Write for our beautiful booklet, written by an experienced Decorator, giving you in intimate detail, valuable information in the art of decorating the home—and highly interesting facts about Leshner Mohairs. It comes to you entirely free, upon request.

Leshner, Whitman & Co., Inc.

Eight Eighty-one Broadway, New York City

Leshner Mohairs are a Goodall Product, made by the Goodall Worsted Co. of Sanford, Maine. Their pledge of satisfaction is backed by years of splendid service.

Brass Hardware in *Correct Designs* for CLASSICAL AMERICAN DOORWAYS

Many Sargent pieces are similar to the antique hardware on doorways exhibited in the Metropolitan

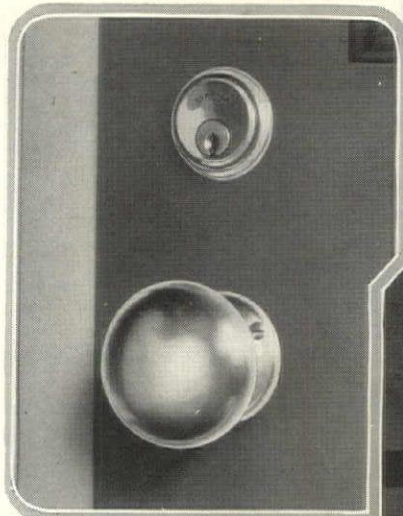
IN THE early years of the Republic, some master carpenter built this doorway in Ridgeville, Maryland, working out the classical tradition in wood. The sensitiveness of its detail, its dainty knocker and small round knob have won comment in the Metropolitan.

The patient, careful spirit of craftsmanship, which guided the builders of the doorways exhibited at The Metropolitan Museum, guides the makers of Sargent Hardware in present-day New England. It has placed at the disposal of modern home builders solid brass and solid bronze hardware in authentic Colonial designs—interior hardware, as well as heavy knockers and robust entrance handles. Every piece of it, lock set or hinge, is hardware well made. Quiet and smooth of operation. Prepared to serve faithfully for generations.

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FOR less price than a good radio, you can banish the filthy garbage can and rubbish heap forever.

Disposal of *all* waste—not only garbage, but sweepings, tin cans, papers, magazines, broken crockery—is provided by the Kernerator, costing but little more than an electric washer.

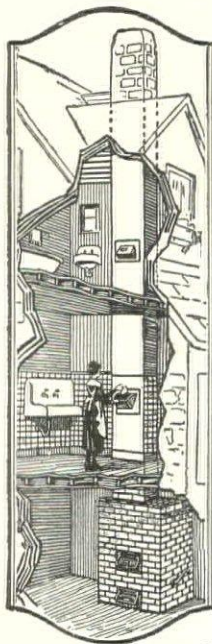
Just drop the refuse in, then forget it! The handy, neat Kernerator hopper door is in or near the kitchen. Connecting with your regular chimney, it leads to a brick combustion chamber in the basement, where the daily waste accumulates and is air-dried without the slightest odor.

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Once a week, or even less often, you simply touch a lighted match to the air dried waste. No gas, wood, oil or coal. Everything is consumed, while tin cans, bottles and other non-combustibles are flame-sterilized for removal with the ashes.

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THE CHIMNEY-FED INCINERATOR

A PLACE TO MEET THE SPRING

(Continued from page 119)

graceful Daffodils and the golden bells of the Forsythia; but the single ones like great Wild Roses with a sheaf of golden stamens seem a happy combination with the other blossoms that bloom in the spring.

I plant Peonies in early fall and prepare their special place by digging a hole at least two feet in depth, putting a layer of well-rotted manure at the bottom, then alternate layers of loam and manure forked together. The plants are set not closer than two feet and the crowns covered with an inch of soil. Care can be taken not to have the manure touch the fleshy roots. They should remain undisturbed for many years as they resent moving by flowering badly for a year or two. When the ancient round Canna beds—truly blots on the earth—with their annual fertilizing, planting, watering, digging and winter storage are compared with a flower border that may remain practically undisturbed for ten years or more, why should the proper care in planting be grudged to the occupants of these hardy borders?

FOR EDGING

When we choose the edging plants used for their mass effect of color at the time the bulbs bloom, and for their covering of foliage through the summer and fall when the bulbs leave no trace of existence above ground, we come to the most appealing part of the plan. Here we can plant the small flowers which bloom in delicate sprays of dainty blossoms, and they make in this border a white or blue or lavender mist from which the flowers of the bulbs rise like jewels set in enamel. Here we can indulge our first longing for rock plants, for many of them grow without rocks or a rock garden provided the drainage is good.

Starting with a clay soil (which is considered by authorities to be the evil of all evils for rock plants) I removed the soil to a depth of sixteen to eighteen inches and discarded the subsoil; then by adding sand and sifted ashes and dead leaves and leafmold until the texture of the soil was light and friable, the edging plants used in these spring borders and many others found in lists of Alpines grew luxuriantly. With the addition of a generous trowelful of lime chips for those plants wanting lime in the soil, care that their needs for sun or partial shade are satisfied, and, of course, good drainage, these lovely little plants make perfect edges for our borders. Naturally, there are many high mountain species that cannot endure the winter dampness of a level place, but these difficult species are seldom found in nursery lists in the United States and are not always easy to raise from seed. High mountain Primulas or Saxifrages are not the ones for the amateur to use as a first attempt when he considers raising Alpines from seed.

Form and color harmony make more appeal to some gardeners than does size. These folk are the ones who want to make picturesque gardens and who are reviving the love for old-fashioned flowers like the Bleeding

Hearts and Sweet Williams of happy childhood recollections. To them the rock plants with their delicate flower sprays bring dreams of towering peaks and gorgeous sunsets. The happiness found in gardening is essentially the result of a vivid imagination. Those who plant gardens to materialize their dreams and who are repaid in joy from personally caring for their plants, will find the spring flowers most appealing and they will be happy in watching the gradual development of their garden plans.

For the sunny spring border in lavender, yellow, blue and white, the dwarf covering plants are Aubrietias in varying shades of lavender; *Alyssum saxatile compactum* with tiny golden yellow blossoms beloved by the bees; Candytuft (*Iberis*) and Rock-ress (*Arabis alpina*) which are snow white. The Rock-ress has the additional charm of fragrance, and its flowers resemble Stocks. Each plant when full-grown will occupy a space about fifteen inches in diameter. They must have abundant sunlight, and need more sand and sifted coal ashes in the soil to insure drainage in winter than do the covering plants used in the half-shady border. If the ground has been prepared in the spring by digging in manure and left-over winter mulches, the sand and lime chips (for all of them like lime) can be added more easily when bulb planting is started in the fall. The sand will serve its purpose if it is included in the twelve inches of surface soil as the deep trenching insures drainage from below. The lime chips are the size used to top-dress roads. When I have lost an Aubrietia or Alyssum (I have never had one of the others die) it has always been rotted off at its "neck," the crown of the plant. A safety precaution is a top-dressing of gritty soil in spring and fall which will keep water from standing about the plants. Make a little mound about the necks of the Alyssums.

NARCISSUS

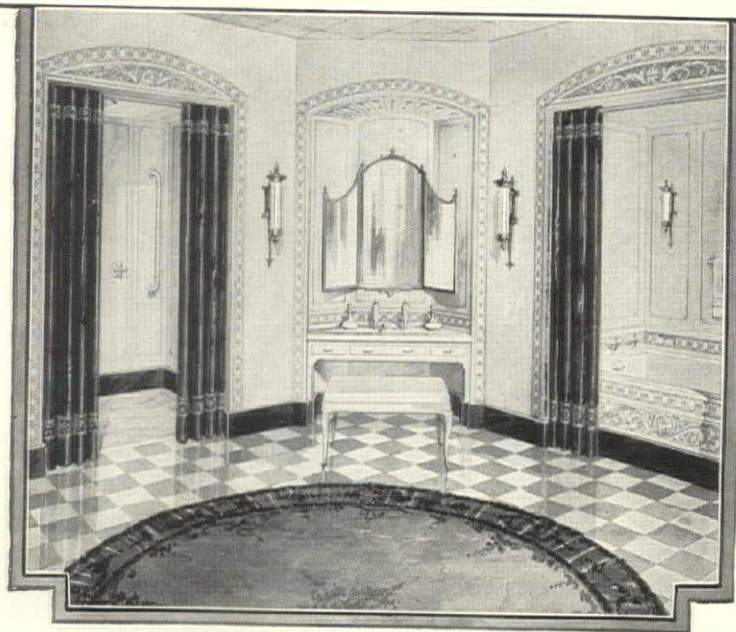
The easiest way to plant Narcissus bulbs is to lift out eight inches of soil, place about an inch of sand at the bottom of this trench, set the bulbs about six inches apart, then fill in the top soil. As this is being done, add the covering plants, filling in soil and adding plants at the same time. This soil can be mixed with the sand or the sand and ashes very easily while it is out of the trench.

If seeds of these perennials have been planted in the spring, the proper time for transplanting is September, which is also the best bulb planting time. Healthy, stocky plants result from seed sown thinly. If they are not moved until September, the seedlings should stand in the rows about three inches apart.

The species of Aubrietia, Alyssum and Arabis have lovely, soft, gray-green foliage; and the foliage of the hardy Candytuft is the same somber green of Yew and Box and other evergreens. A little protection with Oak leaves or excelsior will keep it

(Continued on page 172)

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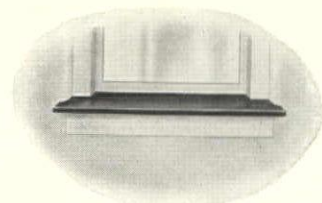
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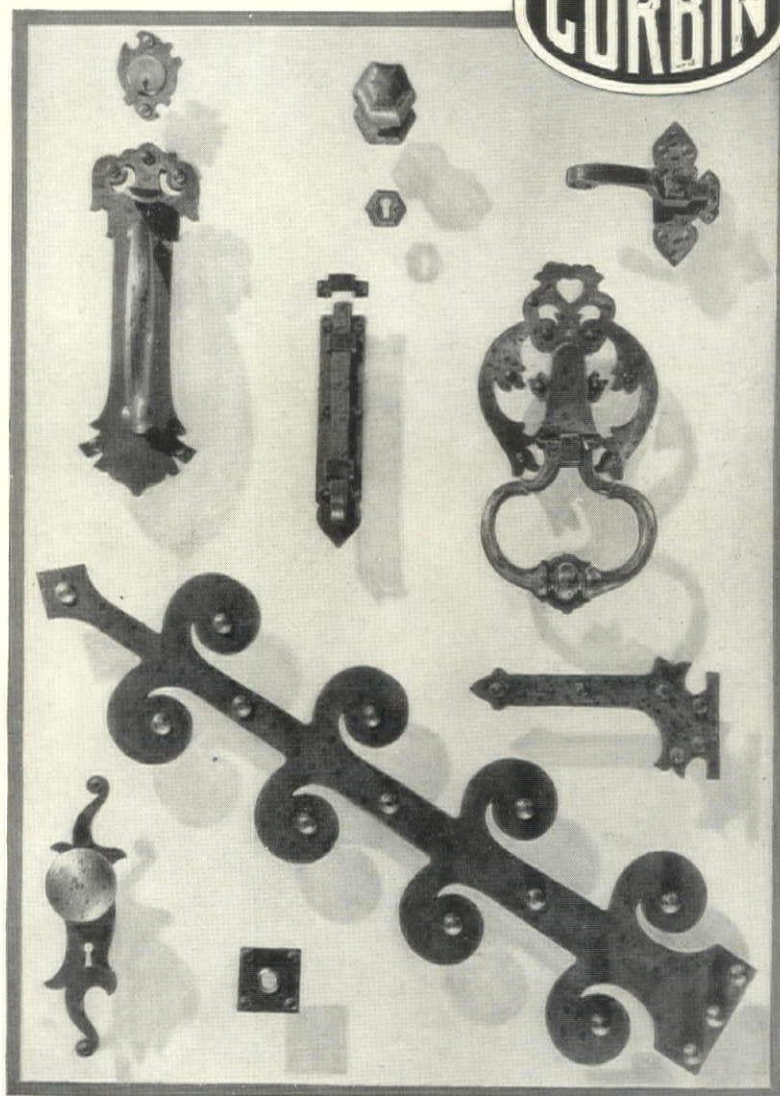
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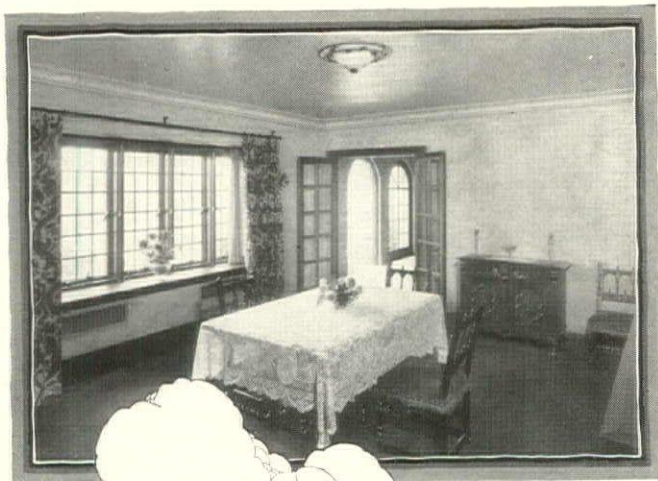
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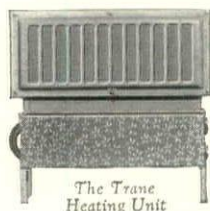
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A PLACE TO MEET THE SPRING

(Continued from page 170)

in perfect condition through February, but I would rather see it about the garden, living and green through December and January snows, even if the constant freezing and thawing does get it a bit rusty for February. As the foliage of the Arabis and Aubrietia is scarcely two inches high after the blooming season has passed, both should be planted in front of the Alyssum and Candytuft. Blossoming time makes all of these small plants simply mounds of soft color, completely covering the foliage.

A shearing soon after flowering will keep them from seeding themselves to death or growing into long, rambling trailers. They may be increased by covering these branches with soil, but the easiest way to secure enough plants for a border about seventy-five feet long is to plant seeds. One packet each of *Alyssum saxatile compactum*, *Arabis alpina*, *Aubrietia* (select one described as "blue") and *Iberis sempervirens* with reasonable germination will provide enough plants. Sow the seeds in early May in light friable soil in a sunny location and keep moist until germination. Like all Alpines, they are tiny seedlings and need very careful weeding to keep the little plants from being jerked out with the weeds. A drought is fatal to such small plants, and remember that the force of the water from a hose will wash them out of the soil. By September they will be about two or three inches in diameter and should be planted in their permanent location to become established before freezing weather. For their first winter, a covering of straw or excelsior or Oak leaves which do not pack into a cold, wet blanket should be given to protect them.

The bulbs for the sunny border are Narcissus, which will grow in either sun or half-shade, and Grape Hyacinths, *Muscari*, which increase well only when planted where the sun gives the bulbs a good ripening in summer. The Grape Hyacinths bloom from early April to the middle of May, the early ones getting up in time to greet the hopeful gardener when he is making his first trips about the paths.

A BORDER BLUE

Muscari azureum, sometimes called *Hyacinthus azureus*, is the earliest bulb to bloom, and one is safe to count on these wee bells chiming with the Snowdrops. This is the first clear light blue to come to the garden, a true cerulean blue. These close-set spikes about five inches high, planted thickly with the Snowdrops, *Galanthus nivalis*, will be almost the first picture of the spring. Spring came early last year and they were in bloom on the sixth of March. The small place where they are planted can have an extra supply of leafmold and sand, and the little bulbs should be set about two inches deep and at least the same distance apart.

There really is no garden effect made by this small group, but to find the tiny bells on a mild sunny day in March when we are searching for signs of the Daffodils seems to bring spring forward with a great leap. The

large drift of *Muscari Heavenly Blue* will bloom with the Narcissus. They are about six inches tall, sometimes as tall as eight inches, and their shade of dark blue is a beautiful contrast with the golden yellow and cream shades of the Narcissus. Several stalks issue from each bulb of the *Muscari*, so their blooming season covers a period of five or six weeks.

Foremost in beauty among April flowers are the Narcissi, usually called Daffodils, though the Daffodils also seem to refer to the large trumpet section of the family of Narcissus. Sentiment makes us hesitate to discard the name Daffodil, for poetic association has almost made it synonymous with springtime. The lush green leaves and clear yellow and white Daffodils stand out against the April skies with unrivalled freshness. The season of bloom is a very long one. It extends from late in March, the blooming time of most of the delicate species which are suitable only for very choice places in the rock garden where perfect drainage can be secured, to the late ones blooming at the end of May.

NARCISSUS CULTURE

The successful culture of Narcissus depends upon several things. Drainage is, I believe, the most important. Of course, on sloping ground a heavier soil will be satisfactory; but in level beds the drainage must be secured by deep digging, as the water should be drained away from below. In soils of average strength where there is good natural drainage Narcissi will flourish and their culture is very simple. No fresh manure should ever be allowed to touch bulbs. If the preparation of the bed must be delayed until fall, humus and bonemeal generously mixed with the soil are the safest fertilizers.

The base of the bulb set on its cushion of sand in the little trench will be about five inches deep. This sand cushion is a wonderful help toward locating the bulbs when they become too crowded and must be reset, for the first sign of pure sand on the point of the trowel reminds us to be cautious. In two years the strong growing kinds will have doubled and have small offsets besides. If one wishes to increase the stock quickly, the bulbs can be taken up and reset every other year in June or July when the foliage has turned yellow about half way down.

To produce the largest and most perfect flowers, maximum root development is essential. The flowers are produced through the root and leaf development of the previous season; that is, the bulb is fully formed after the flowering period and before the growth for the season is suspended, and it contains in embryo next year's flowers and foliage. The foliage must be allowed to die away naturally. A misplaced zeal for neatness sometimes induces the gardener to pull away the foliage when it begins to yellow.

If the Narcissi are wanted for cut flowers, the blooms should be picked before they are fully expanded and the buds allowed to open in water.

(Continued on page 174)

"I'd like to wash my hands, please"



"WHERE," your guest asks, "is the bathroom?" . . . Perhaps a request like this embarrasses you a little. Perhaps your bathroom isn't quite all you'd want it to be. Is it attractive, well-appointed, as modern as it should be? The fixtures, of course, are made of porcelain. Clean . . . white . . . sanitary. But what about the toilet seat? . . .

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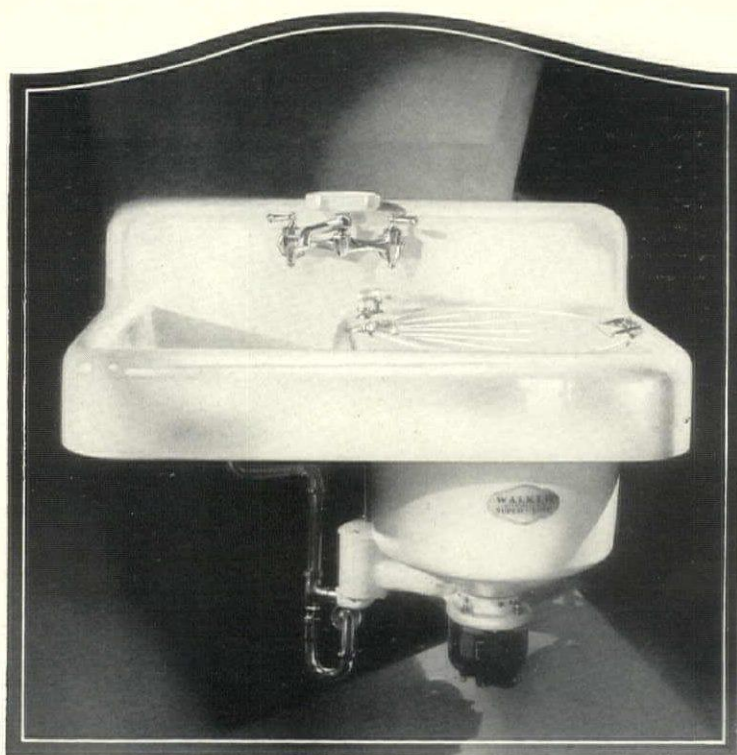
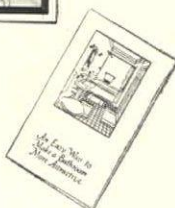
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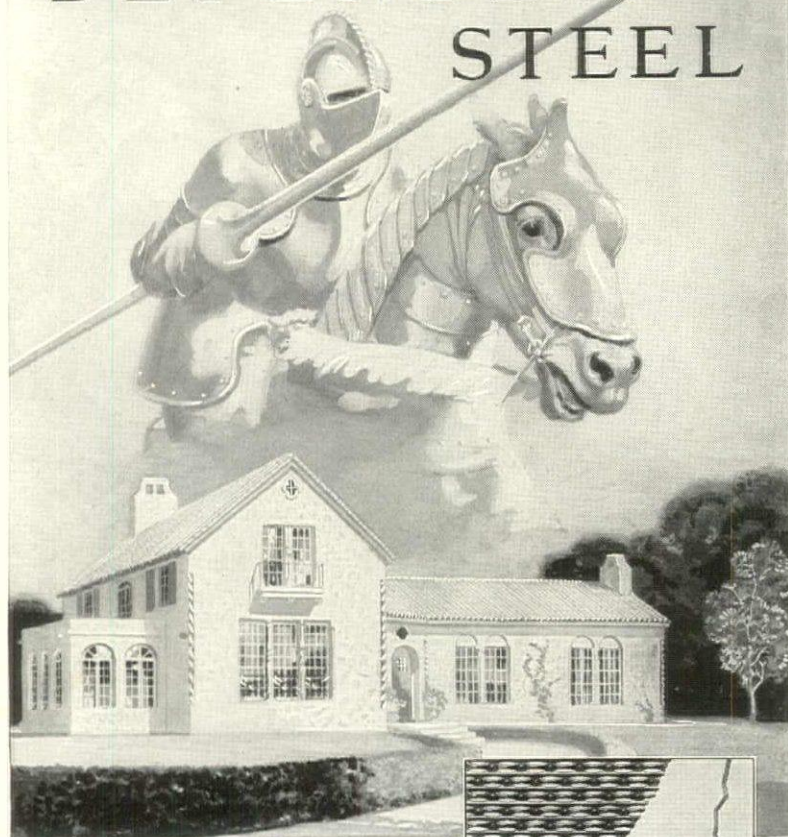
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A PLACE TO MEET THE SPRING

(Continued from page 172)

The color is finer—the red rims on some of the newer varieties showing distinctly—and the blooms last longer.

The varieties selected for this border have stood the test of time. They are old and well-tried and their price is reasonable, in the sense that we must expect to pay more than pre-quarantine prices for all Narcissus bulbs.

For the spring border in half-shade, the Peonies may be entirely omitted or just two or three used in the sunniest part of the bed. The remainder of the space allotted to plants of medium height will be given to Solomonseal. This is a very beautiful native of our northern woods whose leaves an English writer compared to birds in flight. It grows in a leaf-moldy soil with little care or attention. The shrubbery used in the plans is the same for either sun or half-shade. If the arrangement of your garden leaves the spring border in half-shade, large groups of Solomonseal set between the shrubs will provide masses of beautiful foliage.

The dwarf covering plants for partial shade are purple, lavender and white Violas; *Phlox divaricata*, a bluish-lilac native Phlox of the eastern United States; *Myosotis alpestris*, sky blue; and *Corydalis lutea*, whose small yellow blossoms appear from spring until fall. None of these exceeds twelve inches in height.

There are probably more childish recollections of Violas—the Lady's Delights of old-fashioned gardens—and more sentiment clinging to the many names by which they are known than are connected with any other old-fashioned flower. Some of the hybrids recently put on the market—Jersey Gem, for example—are quite new-fashioned and will probably find as warm a place in our hearts as the purple and yellow Johnny-jump-ups of old gardens.

VIOLAS AND DAFFIES

The ease with which Violas can be raised from seed endears them to me, for expense has always been a serious concern in my garden. Every year I try some new ones and I love them all. *Viola papilio* (Butterfly Violet), a shade of pale lavender; Blue Perfection, deep purple; and White Perfection, a snow white one, will bloom in late July if they are sown in spring; and the following year will be sheets of bloom with the Daffodils in late April. A half-shady place with plenty of moisture-holding humus and sand mixed with the soil will make them flower with amazing freedom. They are lovely in small bowls for table decoration combined with sprays of Forget-me-nots and a few Grape Hyacinths or Narcissus—*Narcissus biflorus*, which has a short stem, is the right size. Violas should be cut with long stems, taking the branch off just above the ground. This makes new branches grow from the root and prolongs the flowering season, and also extends the life of the plant.

Phlox divaricata and its bluer variety *laphami*, which is expensive, are far too seldom found in gardens. The supply in the woods is so plentiful

that we need not hesitate to collect the wild plants which grow luxuriantly when moved into our gardens. Note on the plan that the Phlox is used with the white and cream shades of the Narcissus and the Forget-me-nots with the yellow Narcissus.

Myosotis alpestris, the Alpine Forget-me-not, is a biennial in our gardens and its furious seed sowing makes trouble in the rock garden, but this same characteristic is an added attraction when we want it as a ground cover for spring bulbs that are large enough to raise their flowers above these eight-inch mounds of blue. The same light soil suitable for these edging plants also is recommended for this Forget-me-not. *Myosotis dissitiflora* is also useful for planting among the spring bulbs, for it blooms a little earlier than the *alpestris* variety. The two together will give us these exquisite blues through April, May and part of June.

The Fumitory, *Corydalis lutea*, will grow in any light soil, even in dry walls. Its beautiful ferny foliage is delightful, and the small yellow flowers bloom from early spring until frost puts an end to them. I found this Fumitory very easy to raise from seed and, contrary to authorities, I had no trouble transplanting my seedlings.

SHADY BORDER SEASONS

The blooming season of the Narcissus will be retarded approximately a week when they are grown in the shady border. For the very early effect, we have *Scillas* and the Snowglories, *Chionodoxa*, which thrive in shade and leaf soil (also the best soil for Snowdrops, *Galanthus*). A larger group of the Snowdrops, usually the first flowers of the spring, is placed at the edge, for in this location with plenty of leafmold and sand they should grow well and increase. Snowdrops bloom about the middle of March in an average Ohio season. *Chionodoxa luciliae*, soft sky-blue with a white eye, and *Scilla sibirica*, brilliantly blue, are usually in full bloom the first week in April. They increase well from self-sown seed provided they are not scratched out by some energetic helper. The first seedling leaf resembles a blade of grass and that is all one can see above ground. All the force of the seedling seems to be spent in making an impossibly small bulb; but three years will grow it to blooming size. The threat of the quarantine made me search the seed catalogs and save all the seeds I could gather.

The money saved by raising perennials from seed should be spent on choice backgrounds. It may take ten years for very small shrubs to reach their wanted size; it takes only two years for most perennials to grow from seed to good sized plants. Buy the best shrubs you can afford. They make your planting look as though it belonged to the house. The experience and knowledge gained through watching the germination and development of these seedlings will be of inestimable value to the amateur with little

(Continued on page 198)



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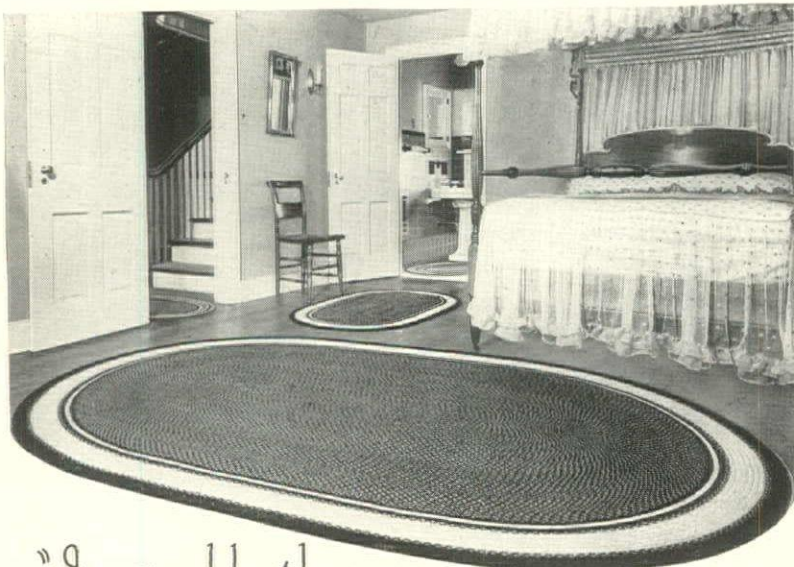
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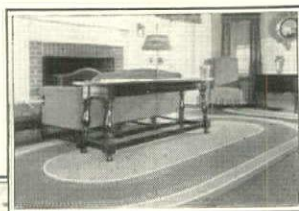


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Healy

Cornus kousa is a worthy companion for its American cousin. Its bracts are more pointed and graceful and the tree presents a striking appearance when in full bloom

A GARDENER'S MISCELLANY

(Continued from page 118)

Crocus imperati, *C. biflorus*, *C. tommasinianus*, *C. sieberi*, *C. susianus* and many other *Crocus* species, *Rhododendron dahuricum*, *Jasminum nudiflorum*.

Of course, warm slopes and sheltered hollows are more conducive to early bloom than are cold exposures. For planting the Crocuses and other bulbous things we must perforce await the autumn, but the shrubs and hardy plants may be set out as soon as planting at all may be done.

TWO FINE DOGWOODS—Few persons are so unfortunate as not to know the Flowering Dogwood, *Cornus florida*, that is so beautiful a feature of our countryside from Maine to Ontario and southward to Florida and Texas. It is one of the finest of small trees, lovely at all seasons, whether sheathed with the creamy bracts that we are wont to call blossoms, wrapped in the gorgeous coloring that it assumes in autumn, or standing bare of all decoration in winter, its gray spreading branches and budded twigs displaying an inimitable grace. Happily this tree is the familiar of many, but there comes from Japan and China a species which although it resembles it a good deal is hardly known at all. This is *Cornus kousa*, described as a shrub or small tree which in time may reach a height of twenty feet. It is an acquisition, indeed. The blossoms are large and creamy white, and are borne in great profusion in June after the tree is well leafed out, at a time when our native Flowering Dogwood has finished with blossoming and is clad in seemly green. Its autumn coloring is brilliant and the fruits highly decorative, the scarlet drupes being gathered together in a rounded compact head having something the appearance of a large Raspberry suspended by a slender stem. The Arnold Arboretum reports *Cornus kousa* as perfectly hardy in Massachusetts, the flowerbuds being less often injured by severe cold than are the native species.

THE CORNELIAN CHERRY—Another little-known member of the Dogwood clan is the Cornelian Cherry, *Cornus mas*, native of central and southern

Europe. This species has the endearing habit of coming into bloom in March, covering itself with small yellow blossoms something after the style of the Witch-hazels and appearing when full-flowered, in the words of Eden Phillpotts, "like a little tree of gold." The blossoms are followed by highly decorative fruits of a rich transparent red color. Small specimens of the Cornelian Cherry do not flower, but the growth is fairly rapid and the display worth waiting for. It is a fine tree where space is a consideration, for it seldom grows taller than fifteen feet. Its habit is dense and spreading.

A QUAIN COLUMBINE—For the rock garden no Columbine is more delightful than the little Japanese species, *Aquilegia flabellata*. It is dwarfed and stocky in stature with thickish leaves showing bluish lights and waxen blossoms, creamy-white as to the petals and hooked spurs; the shallow cup is faintly lavender in color and the sepals a deeper hue. It is easily pleased with any sunny corner of the rock garden and sows its seeds about freely when once established.

A HAPPY TRIO—Growing in a sunny corner of my rock garden in a mixture of acid peat and sand is a group that yearly affords me great pleasure. It consists of *Phlox bifida*, from the Middle West, the lovely bicolor form of the Bird's-foot Violet (*Viola pedata*), and bluets or Quaker Ladies (*Houstonia*). All these are native plants of the first beauty. The color scheme is in delicate lavenders and blues, enhanced by the velvet upper petals of the Violet.

NATIVE SILENES—North America offers several very beautiful *Silenes* or Catchflies for the rock garden. In the East we have the striking species *S. virginica*, the Fire Pink, and *S. pennsylvanica*, the Peat Pink. Both are to be found in most well furnished rock gardens, the former flourishing in sunny places in rather poor, dry soil, the latter preferring half shade and a moderate acidity. But the western species are considerably less known and not as well understood.

(Continued on page 186)

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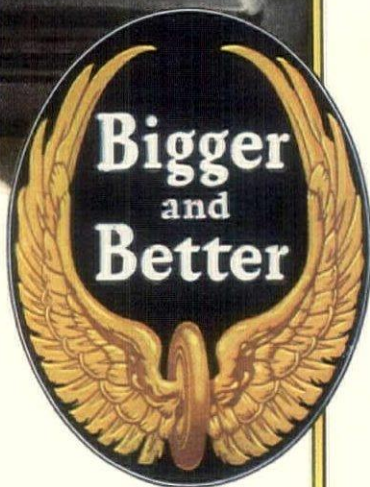
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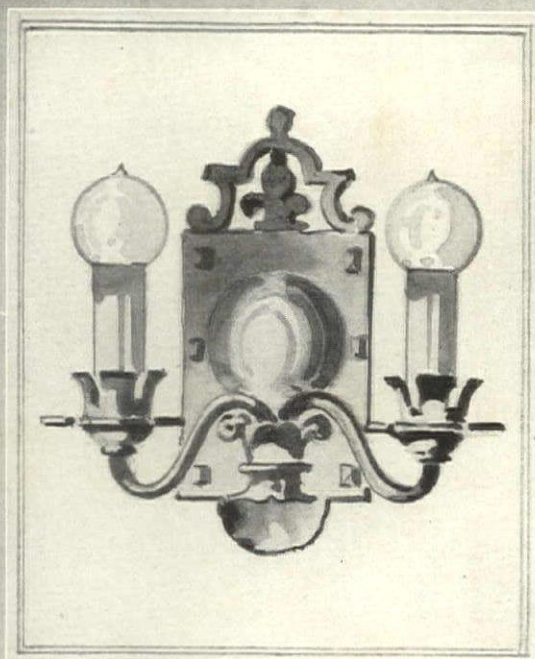


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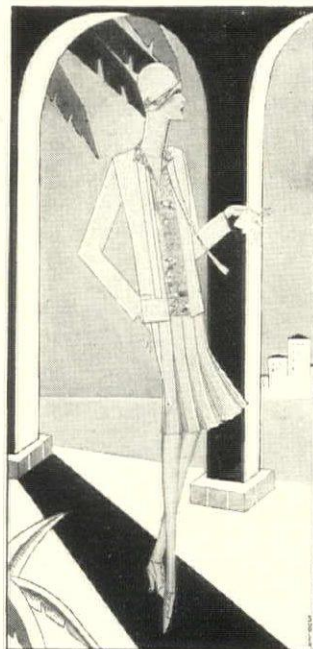
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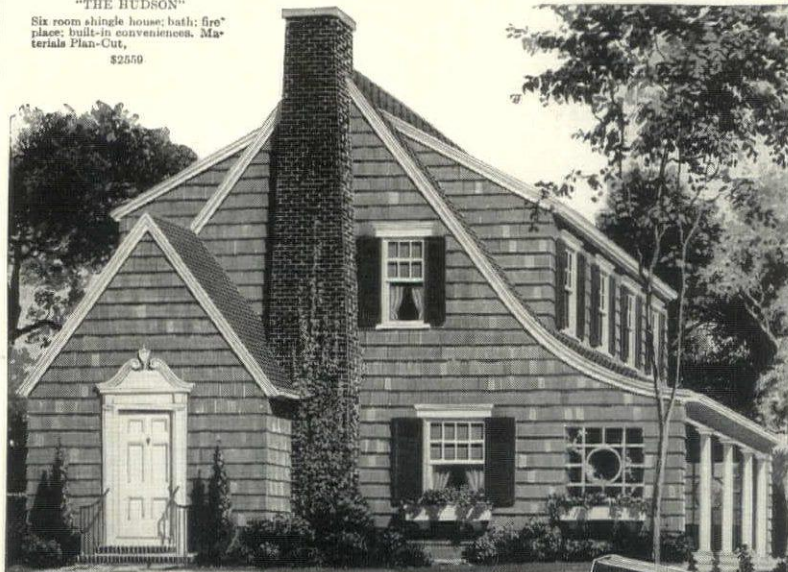
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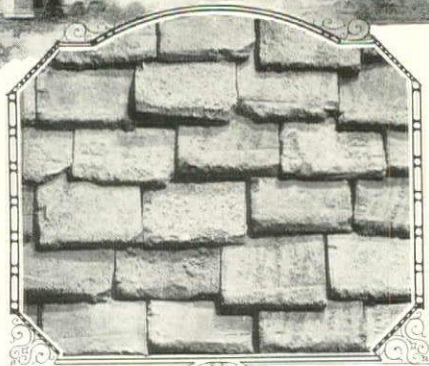
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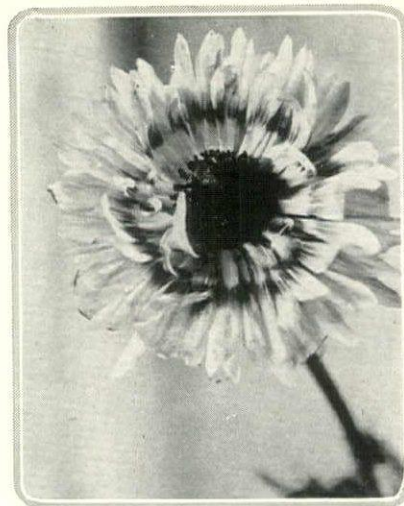
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St. Brigid Anemones are obtainable in striking color combinations. A red and white double variety is one of the most effective types

NEW GARDEN ANEMONES

(Continued from page 98)

harden them. Animal manures are not for them, as they tend too much to produce a lush and soft growth. Nitrogens are well avoided.

In planting tubers, use care not to set them too deep. Two inches of soil over the top is amply sufficient. Each tuber needs twelve inches each way for proper development, and when setting in rows it is better to place them eighteen inches apart, with twelve inches between the individual tubers. Set these on an average three months before the bloom is desired. The new Bird strain will give approximately seven months of bloom if well fed and watered. Partial shade is best for spring and fall bloom, full sun for winter, and full shade for summer. During the warmer months tubers will begin to bloom in two months, and for the colder season, four months are usually required. By setting at various times, the flowers may be had during the months most desired.

When the bloom is over, the foliage must be allowed to dry down as with Tulips or other bulbs. The leaves usually take about a month to brown, and another to ripen off fully. This makes

their yearly cycle three months in the ground before bloom is reached, seven months of flowering, and two months to ripen thoroughly. After this the tuber is then ready to lift and to have the numerous offsets removed, and may then be reset as desired.

St. Brigid Anemones will bloom from seed in seven months, but in raising them in this way the most important point is to plant the seed so that disturbance is unnecessary for eighteen months, at which time the tuber itself is well formed and new offsets are coming on. Flat-sown and shifted seedlings seem to receive a check from which they never fully recover, even if they do not perish entirely. Sow this seed where it is to grow, though a light surfacing of sand for the seed itself is advisable. Plant the seeds individually at least three inches apart, and six is still better. Where the summers are intense, be sure to have some means of shading them through the hottest hours. While seedlings, it is far better to afford them some winter protection even in Philadelphia. On the North Pacific Slope, the Bird

(Continued on page 180)



Some of the plants produce cupped blossoms with broad petals and prominent centers. This one is colored in a delightful Orchid tone

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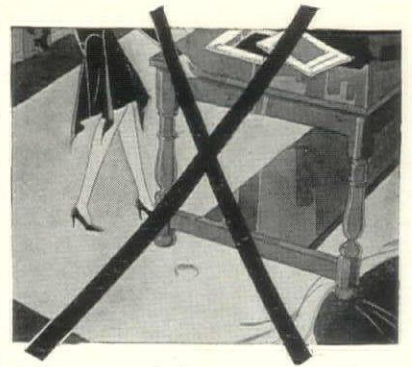
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NEW GARDEN ANEMONES

(Continued from page 178)

strain will be able to come through unaided. Shade will be necessary for them farther south. Be sure they do not dry out, and give them bonemeal as they come along. Do not cull out by the appearance of the first four or five blooms, as these are usually inferior to those that come later. Afterwards, if any weak stems or undesirable shades should occur, they may be removed, using care that the others are not disturbed in this thinning. Those that have not been able to survive snow, wintry winds, and ground frozen to a depth of two inches had better be allowed to perish naturally, as they are of too tender a constitution to be desirable, regardless of their other qualities. I believe it a good rule to continue unless one is deliberately seeking a greenhouse strain.

For those more extreme sections where it is necessary to give winter protection, the tubers may be planted later in the open and left to their own devices, receive an earlier placing with a good mulch over them, be set in a frame, or placed in a cool house for bloom through the holidays and the most wintry months of the year. If grown in a house the main danger is overheating. The so-called cool Carnation house is amply warm for them. Forty-five degrees is sufficient day heat, and the temperature should not go over fifty for best effects. They will survive and bloom even if the night temperature does drop to thirty-two degrees. Ventilation is important, also water. On the North Pacific Slope they may be had in bloom in the open without protection any month in the year by varying their planting time.

St. Brigid Anemones are prolific multipliers, both in seed and in the tuber offsets. There is such a vast difference between the various strains, however, that one might almost believe

them different flowers. The newer tubers are decidedly larger than formerly. Seeds, while having rather good keeping qualities in comparison with many others, should have the germ or eye well defined within its fuzzy covering. One packet containing a very few seeds of the first rank is a far better purchase than several well filled ones of lesser quality.

In raising seed select a plant or plants exceptionally desirable in the garden. Then when the bloom has come into its best and before the plant is in any way exhausted, select the best flower on it and cut away all the rest. As new buds form, cut them ruthlessly. This sacrifices the bloom, but it is part of the race's improvement. The seed from one flower will be numerically very nearly all the average garden maker will care to sow if the sowing is properly done and sufficient space is allowed. It is because of the failure of this selection that so much inferior seed has been placed upon the market. A good strain of seed will give a large proportion of worthwhile plants both in the usual wider cupped petals and a few with a number of narrow petals similar to shaggy Chrysanthemum petaling.

As cut flowers these Anemones are extremely satisfactory because of their midwinter possibilities, and also because of their good stems and keeping qualities. When picking them, a group of smaller leaves will be found well up the stem rather near the flower head itself. Plunge these under water, either in a container, or by holding under a tap. It seems to act as a subtle magic to keep that part of the stem from drooping after cutting. If done each day, it also adds greatly to the life of the cut flowers, though I have found them lasting four or five days without any attention at all.

PLANTING AGAINST THE HOUSE

(Continued from page 110)

broad-leaved evergreens, such as Laurels and Rhododendrons, too large and strong.

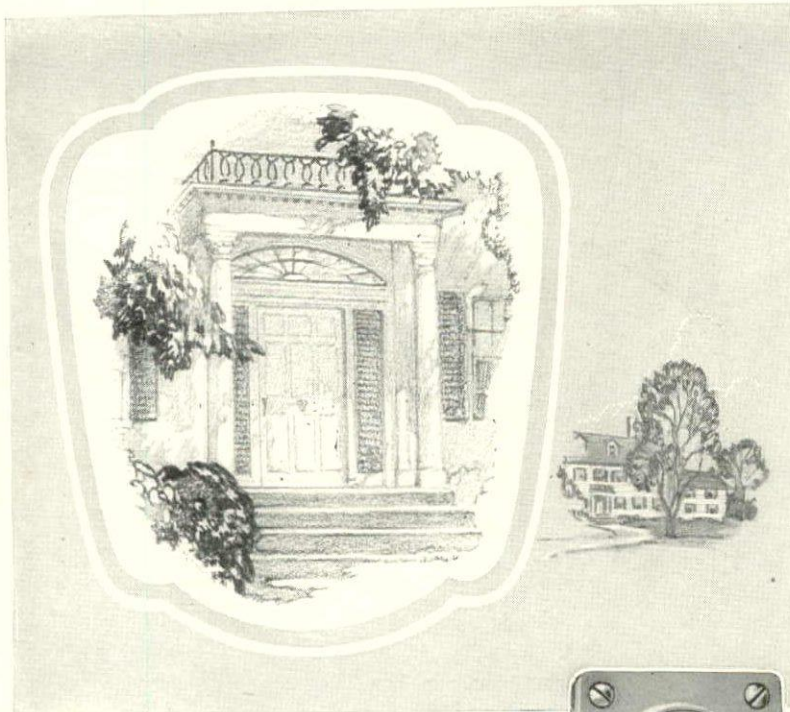
The clapboard house is content with just a few well placed shrubs of deciduous character. Pleasant flower effects are welcome. Nice foliage is essential. Dark leafed shrubs such as Withe-roads and Arrowwoods are as effective against the white boarding as dark green shutter and trim. Light green or even gray-green foliage has tones congenial with shutters and trim that are painted with lighter color.

Houses built of brick, stone or stucco permit planting of a heavier character. They often allow the use of evergreens. Laurels look well against warm red brick. Yews give color to gray stone. Junipers are good against rugged stucco. Rhododendrons, despite their large leathery foliage and rounded forms, are sometimes effective against these buildings.

Such houses often allow a copious use of clinging vines. The Evergreen Euonymus is always welcome, especially against brick. English Ivy always gives luxuriant effects, particu-

larly against stone. Climbing Hydrangeas have nice foliage; their leaves and flowers make fascinating patterns. They look well against light-colored stucco. Other vines can be trained on wire or cable. Wistarias are especially effective. Let them make vertical lines up both corners of the house or on both sides of the main door, or let them hang horizontally.

Shingled houses which are very informal in style permit even more planting. Wall spaces invite comfortable masses of plants; wide porches permit the use of tall shrubs and trees. But even these houses are friendlier when only occasional groups of shrubs are used against the wall and when a tree is placed only here or there for decorative effect. They like, however, an abundant use of vines. All kinds can be used intermingled. Akebias and Grapes, Honeysuckle and Clematis make a veneer of greenery against the walls. The newest Rose climbers and such rare looking vines as Porcelain Vine festoon the stair railings. The Fleecevine or Silver Lace Vine trails along the balustrades and Bittersweets are good to fill shady corners.



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WHEN looked at, Yale Builders' Hardware commands instant admiration. It is graceful and appropriate in design and finish. But it is through use that Yale Builders' Hardware has won its greatest recognition.

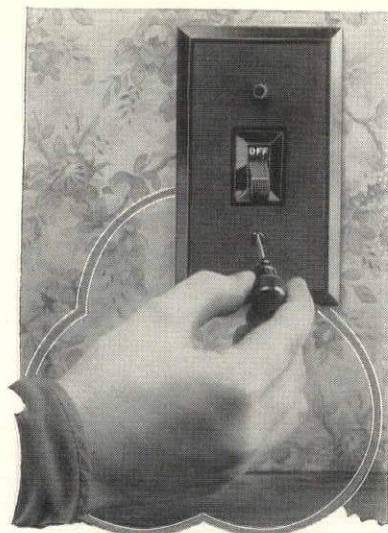
When you choose Yale, you have done all that you possibly can to insure lasting quality, not only in plates, handles, knobs and fittings but in the locks themselves.

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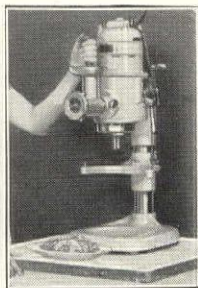
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THE WORLD OF GARDENS

(Continued from page 82)



Do Away with DAMPNESS —

Make your cellar waterproof

Your children playing on the floor above a wet cellar are open to all the ills that dampness breeds. Protect them . . . keep stagnant water out of your cellar.

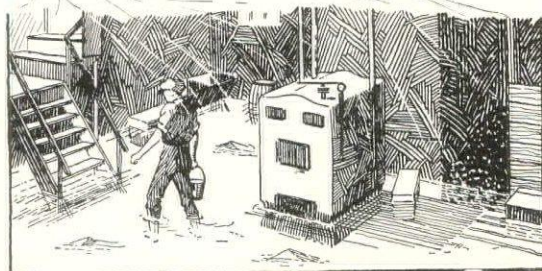
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H. G.-3

down the country the more enthusiasm will be spread for gardens and homes. Of horticultural societies and clubs there has been a remarkable increase. These fall into three groups: social, progressive and passive. Unfortunately, the progressive group is much in the minority. Leadership is what is needed in these as in other matters.

Another pressing need of gardens is that of books. Not exotic productions, but native; not compilations nor plagiarisms, but the simple expression of experience and knowledge gained from one's own efforts. America is in climate, soil and situation very different from Europe and the plant material and its culture as well as the rules which govern garden making in the Old World have to be much abridged and greatly altered before they can be adopted here. The simplest book based on experience in America is of greater value to us than a large tome written by the most experienced gardener in Europe and imported here.

Among the handicaps to the development of American gardens are the all-too-numerous quarantines. Now, quarantines, properly employed, are necessary in preventing the spread of diseases and for this purpose no one can possibly object to them. But, in the too meticulous application of quarantine laws much vexation can be caused without the object for which the laws were enforced being attained. Diseases and pests must be looked upon as part of the game, unfortunate but inevitable. We accept sickness among human beings as a necessary evil in the

human family. Doctors are an essential part of our social system and in our gardens we shall need doctors for our plants even as in the house for our family and selves. But, as with the human family, so with plants: the more sanitary the conditions of life the more healthy the subject and the less liable to sickness of any sort.

As the evolution of the garden spirit may be traced from the utilitarian outlook on vegetables and fruit to that of the esthetic in flowers which delight the eye and mind, so can the progress toward favoritism of the different types of flowers be traced. The Scarlet Geranium, the Peony, the Gladiolus and Dahlia are pioneers in this. They early attract interest and attention and gather around them a band of enthusiasts. Later, from among these ranks, the desire for greater variety is in evidence.

But, after all, it is immaterial where we begin or with what we begin to garden, the thing is to make a beginning and time will guide and regulate us into the proper sphere. Every year sees greater numbers making a beginning and the circle is ever widening outward. The future of American gardens is assured but the millennium is yet distant. As leisure and culture spread, so will the art and spirit of gardening increase. The desire for a home exists somewhere in the heart of every man and woman; when properly analyzed a garden converts a dwelling place into a home. America is beginning to build stately and soon she will garden finely.

THE STAIRWAY AS A FEATURE

(Continued from page 140)

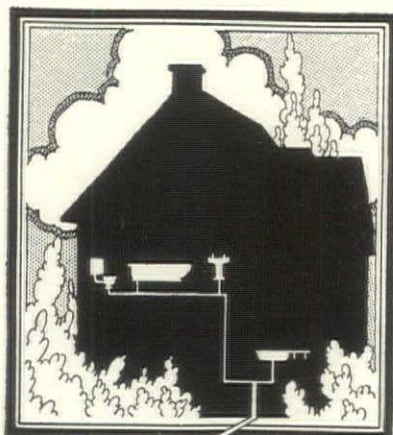
popular architectural imagination; it was highly favored and much used by the gifted Bulfinch, and a number of the stairways which he built still exist in and around Boston, one of the most notable being that in the fine old house at 40 Beacon Street, now the home of the Women's City Club. In some instances (comparatively rare, however,) a circular or elliptical stairway was made to rise from floor to floor without touching a wall anywhere, depending for support wholly upon itself. Such stairways are unquestionably beautiful, but to one not wholly persuaded as to their structural integrity they are likely to appear so frail and unstable that one almost hesitates to use them. Fully as graceful and certainly more "convincing" are those which by at least some connection with a wall give visible assurance of having adequate strength.

There are one or two things regarding a stairway, however, which might well be borne in mind when one is planning a building—details not of great importance in themselves, perhaps, but having much to do with the comfort and convenience with which the house may be occupied. One of these is the wisdom of placing the staircase in the hall rather than have it ascend from the living room. This

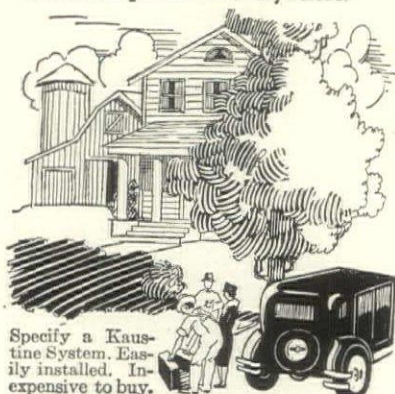
particular arrangement is of course quite "informal," and for that reason it commends itself to many; but it has the disadvantage of making of the living room what is practically a passage or a thoroughfare; it destroys much of whatever privacy the living room might possess, and of course it renders quite impossible the reaching of the upper floor without going through what is likely to be the heart and center of the family's activity. Placing a stairway in this position is quite permissible, of course, in an extremely small and informal house or where lack of space renders anything else quite out of the question; but it should not be done—as it only too often is—in houses of larger size and much greater dignity.

Another thing regarding a stairway which might be borne in mind to good advantage is that, if the stairway be carefully and thoughtfully planned it is entirely possible to make one staircase fully serve all the functions of two. It need not be a difficult problem to make the stairway turn into a square landing from which a door may open to stairs leading down into the service quarters, and this door might very easily be placed where it will not be visible from the main part of the stairway.

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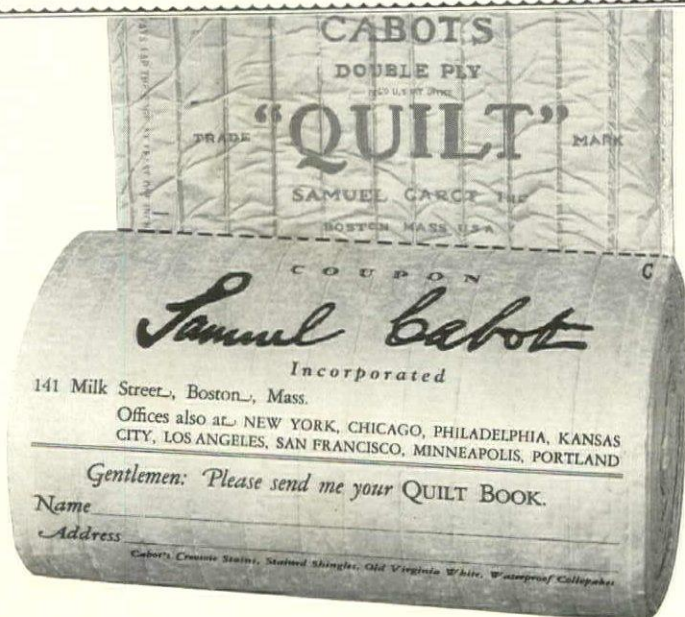
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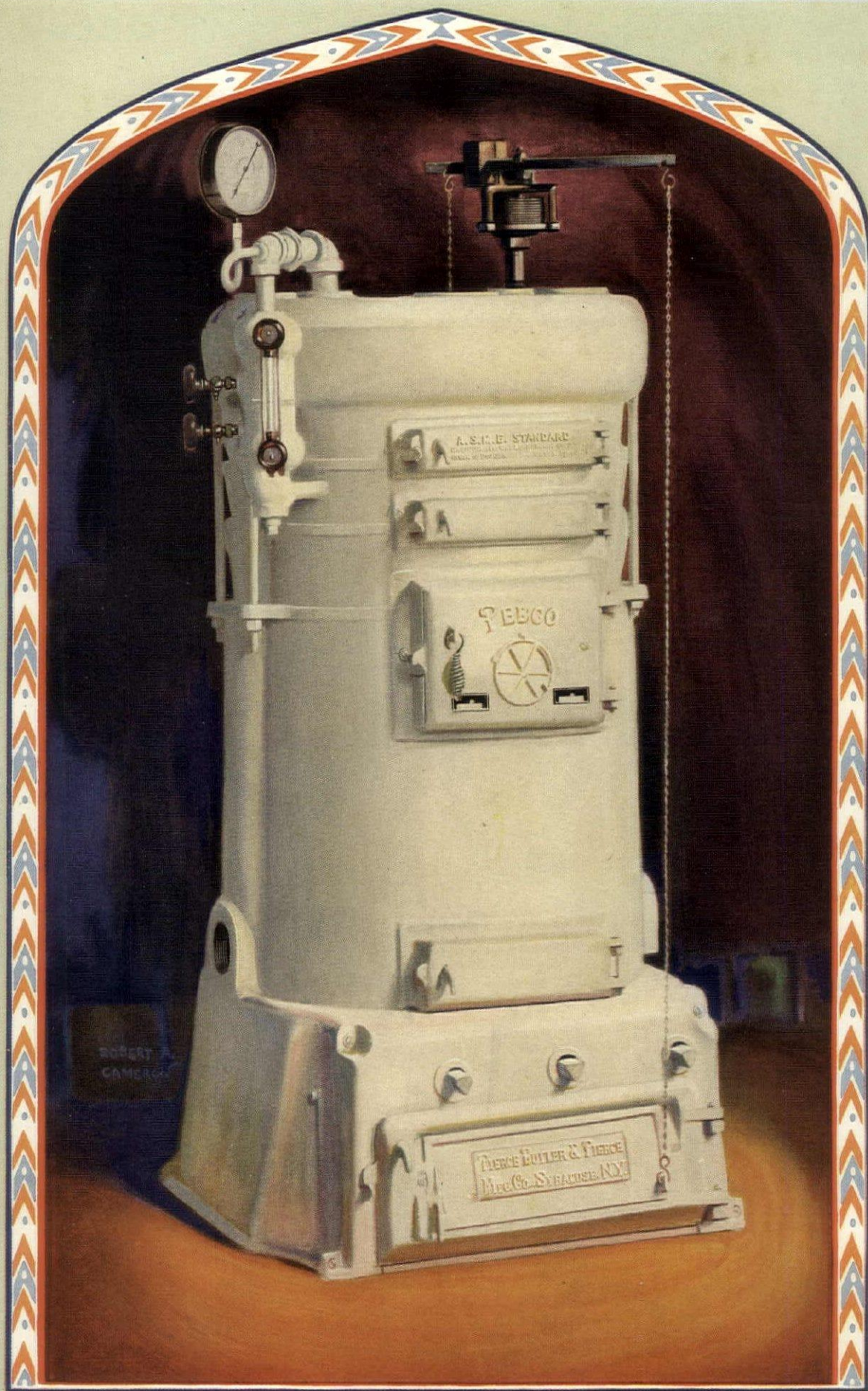
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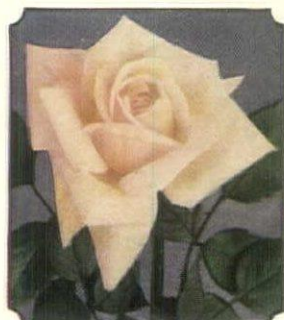
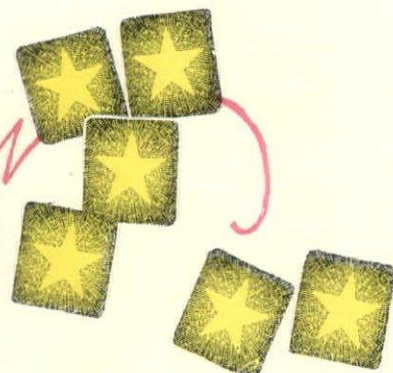
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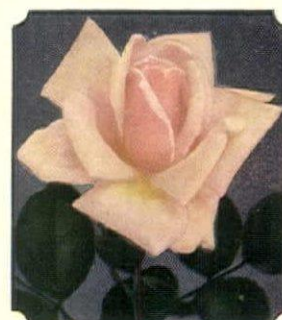
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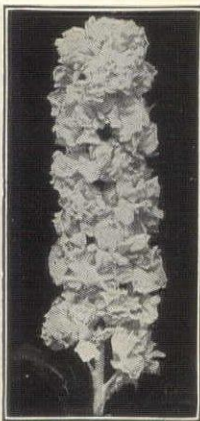
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A GARDENER'S MISCELLANY

(Continued from page 176)

This species belongs to California and the Northwest where it is found on hillsides, its long taproot thrust deeply into the ground. From the thickened upper portion of the root grow the long, narrow leaves, gray and downy, and from their midst arise on stems two inches high large blossoms of a most pure and lovely pink. In the rock garden it will require a thoroughly drained situation with sun for at least half of the day, and a soil compounded of leaf mold and grit. Because of its thick taproot *Silene hookeri* is sometimes difficult to transplant, but it may be raised from seed without more trouble than must be expended upon the raising in this manner of any choice plants.

PYGMY EVERGREENS FOR THE ROCK GARDEN—Dwarf conifers for the rock garden are not very easy to come by nowadays in this country. It is therefore gratifying to find listed in a recently received catalog two of the most desirable: the dwarf form of the Irish Juniper, *Juniperus communis hibernica nana*, and *Picea glauca conica*. Both are dense in habit and slow growing, the former rather broadly columnar, the other more slender. Nothing adds so much to the illusion of natural scenery in the rock garden as do groups or specimens of such little trees.

THE NOSE IN THE GARDEN—While few gardens are wholly lacking in plants with fragrant flowers or leaves, it is none the less a fact that in modern gardens, while the eye is constantly catered to, the nose is only incidentally considered. We arrange with care our color harmonies and sequences but there is very little deliberate planning for a succession of sweet odors. This is a great pity, for we thus deprive ourselves and those who have access to our gardens of the most subtle of enjoyments. With little trouble it is possible, all through the growing season, to have in flower some plant that has the power to diffuse its fragrance in the surrounding air. Flower fragrances are of many types—some delicate and elusive like that of the Wild Grape; some aromatic, which is to say both sweet and spicy like the scent of Pinks: some cool and refreshing, as are the blossoms of *Magnolia glauca*, some warm and sweet like Pansies and Phlox, some fruity, some resinous, and so on. But few flower scents are found too strong in the open air, though some may prove so indoors. Here are a few suggestions for those who may care to implant this special charm in their gardens.

In southern gardens the Jasmines, Gelsemium, Gardenias, true Myrtles, the delicious Winter Sweet (*Chimonanthus fragrans*), the Scented Olives (*Osmanthus*) and the tender Daphnes pour delicious odors upon the air. But these we may probably not enjoy much farther north than North Carolina. The earliest definite scent in cold gardens comes from the Garland Flower, *Daphne mezereum*, a low shrub for half shaded and sheltered situations. Of course Snowdrops are delicately sweet but we must bend close to be aware of it. *Lonicera fragrantissima* and *L. standishi* are two deliciously fragrant shrubs that bloom

in March or early April in the neighborhood of New York; and we may add to these very early scents those of *Viola odorata*, *Viola blanda* and *Berberis aquifolium* (Oregon Grape). Also in April the following may be enjoyed: *Arabis albidula*, *Iris reticulata*, *Crocus versicolor* (scent of Violets), Daffodils, *Magnolia stellata* and *M. conspicua*, Wallflowers (Virginia and southwards), Hyacinths, *Muscari botryoides*, *M. Heavenly Blue* and *M. moschatum*, Cowslips, Jonquils, *Narcissus poeticus*, single and double, and Polyanthus Primroses.

Akebia quinata is a slender climber whose three-cornered, plum-colored blossoms have a rich fruity fragrance. Grow this upon a lattice over the living room windows. It blooms in late April and early May. The aroma of the English Hawthorn (*Crataegus oxyacantha*) is far-reaching and delicious; the Persian Lilac has the best scent of all its fragrant tribe, and the perfume of the common Mock Orange (*Philadelphus coronarius*) is not exceeded by any of the fine hybrids. *P. grandiflorus* is without fragrance and is often a bitter disappointment to those who acquire it in the expectation of enjoying the scented charms characteristic of most of the race. Numerous Tulips are fragrant, notably those known as Cottage Tulips. In *Colour In My Garden* I have given a list of fragrant Tulips. Tulip Mrs. Keightley has the breath of a Tea Rose.

As spring wears away and summer begins we have Lily-of-the-valley, Sweet Rocket (*Hesperis matronalis*), best at night, Honeysuckles, *Daphne cneorum*, Florentine Iris, Peonies, Pinks, Garden Heliotrope (*Valeriana officinalis*), and a wealth of Roses. Let me call attention in particular to the delights of such old-fashioned Roses as the Damask, the Cabbage, the China and Moss Roses. None exceeds them in sweetness. In summer many annuals add their sweet breaths to the warm breezes. Some of the best are Sweet Tobacco, Stocks, both the Ten Weeks variety and the little Night-scented Stock (*Matthiola bicornis*), *Nycteria capensis*, (vanilla-scented). All these are sweetest at night. Also we should have Verbenas, Mignonette, Petunias, Sweet Scabious (honey-scented), Candytuft, Snapdragon, Wallflower (Paris Extra Early), Sweet Sultans, Sweet Peas, Sweet Alyssums and *Schizopetalum walkeri* that is Almond-scented.

Summer perennials that give forth a fine fragrance are Funkias, many Lilies, Phlox, *Clethra alnifolia* (the Summersweet), Buddleia and *Clematis paniculata*. Beds of Heliotrope, or even a few plants, fill the garden with fragrance all summer until the first hard frost in autumn. One of the best and most refreshing perfumes is that from the creamy cupped *Magnolia glauca*, our native Sweet Bay, which will delight all who have a low dampish spot for its accommodation.

Whenever possible the sources whence plants mentioned in these articles may be obtained will be given upon receipt of an envelope addressed to Mrs. Wilder in care of House & Garden—EDITOR.

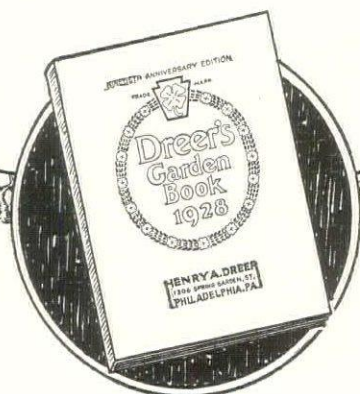
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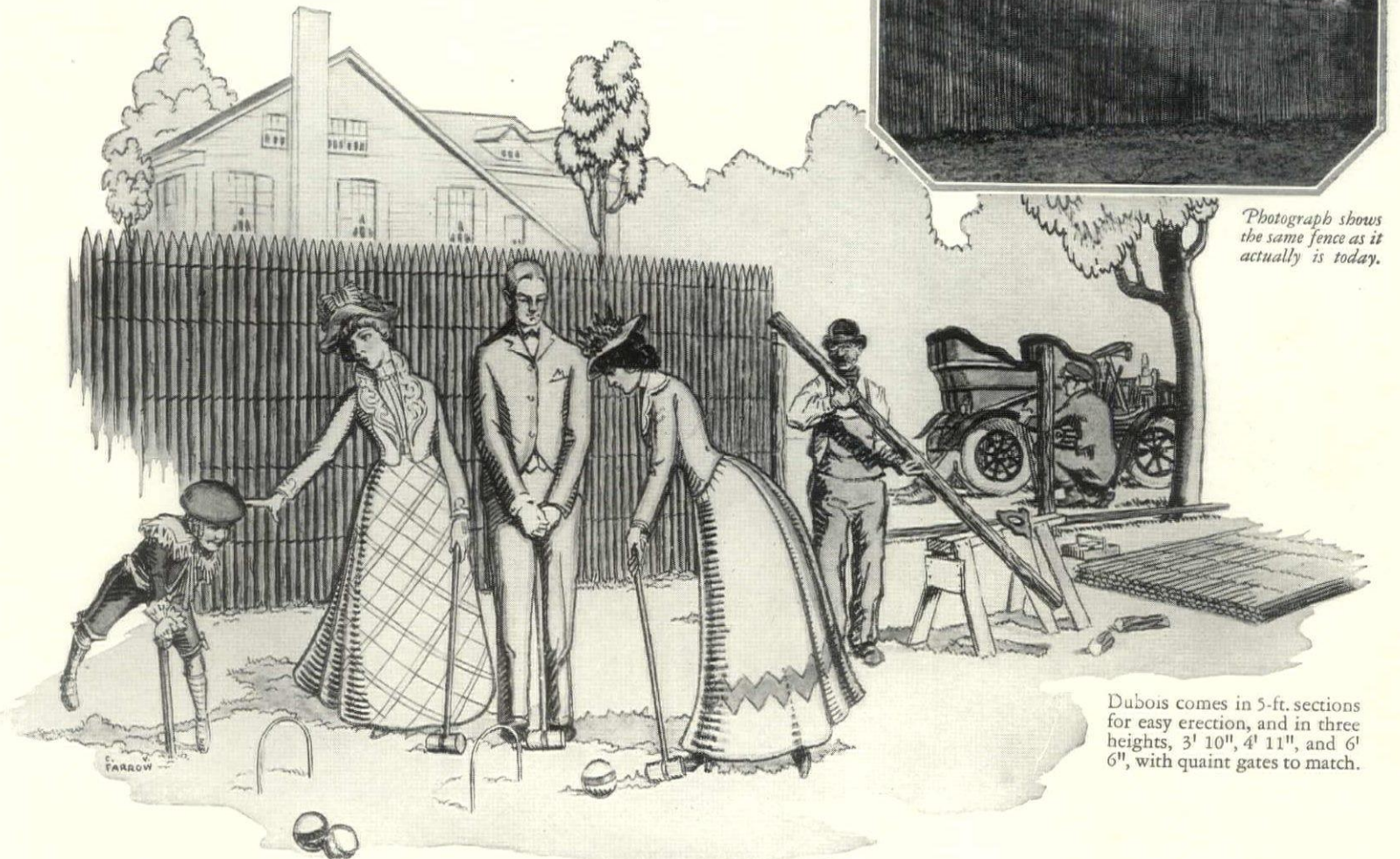
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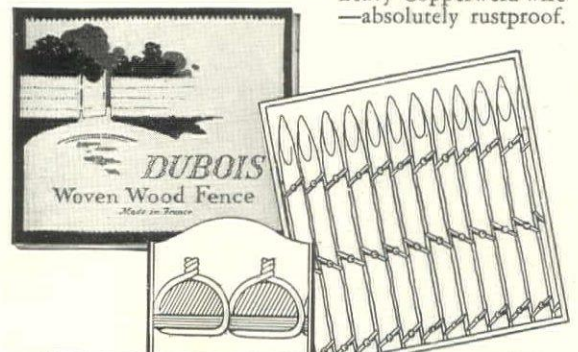
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Duryea

The climbing Roses are particularly suitable in conjunction with pergolas, arbors or, as here, to create an unusual setting for a garden dove-cote

TO MAKE ROSE GROWING EASIER

(Continued from page 103)

many points along the Atlantic Coast have given us Roses of surpassing beauty, and clay has not been found unduly bothersome.

Therefore, the soil hokum no longer exists. Any soil that would grow Potatoes, or Peas, or Corn, or any ordinary garden crop, will grow Roses.

But the chief item in the old program of restrictions was the required preparation for growing Roses. Always two feet deep, preferably three feet deep, and sometimes four feet deep, was the preparation needed. Then when you had this carefully dug you properly buried in it the stable

manure which, thanks to Mr. Ford, is becoming increasingly scarce. No, wait a minute; you don't use stable manure, but only cow manure, a substance which, so far as I am personally concerned, has become very difficult to find. I remember once seeing some of the Taylor soil preparation when that able prophet of efficiency was analyzing all the motions necessary to the economic use of a toothpick in a hurry. You put down diagonal layers of this, that, and the other thing for three feet, so that when you planted the Roses the roots would

(Continued on page 190)



In the author's garden, "Breeze Hill," Roses are grown successfully under a variety of soil conditions and exposures. This photograph gives an idea of their effectiveness against a perennial and shrubby background



IDEAS AND INSPIRATION FOR GARDEN LOVERS

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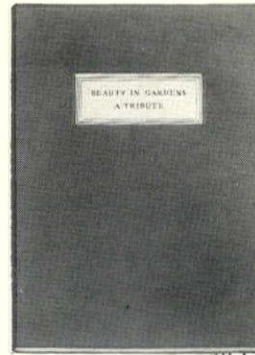
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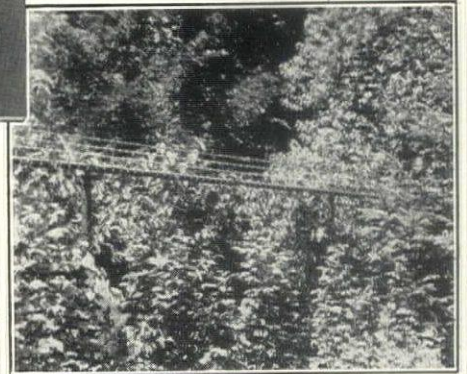
of garden, and brings out the important central ideas which enable you to express this spirit in actual plantings.

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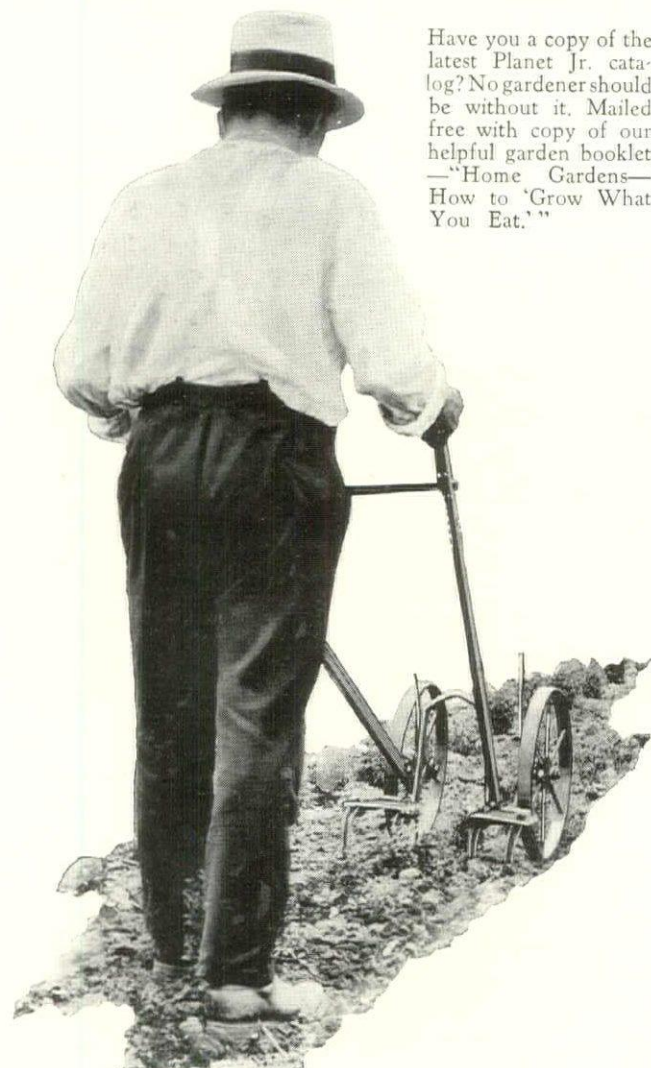
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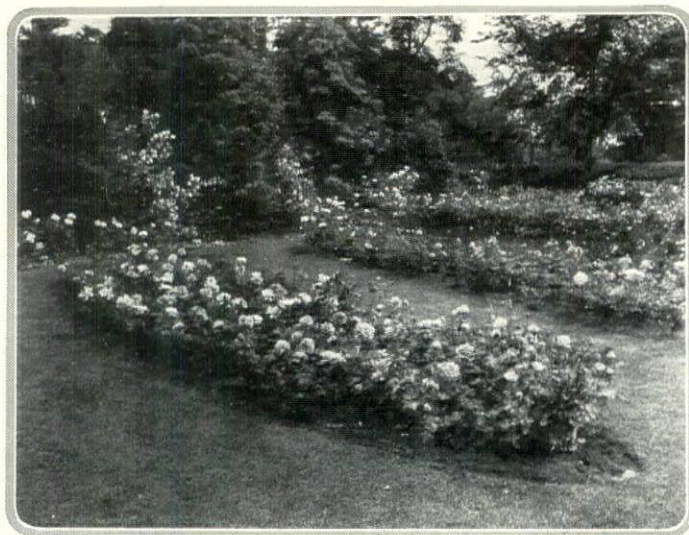
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Conifers make a pleasing background for a Rose garden. Contrary to some of the old ideas, the Roses can do well when planted quite close to trees of this character

TO MAKE ROSE GROWING EASIER

(Continued from page 188)

penetrate all the different layers and consequently have a perfectly happy job of it in selecting just what they wanted from where they wanted it when they wanted it.

Now we know that very few roots of the average Roses in our gardens—mostly Hybrid Teas, Teas and Polyanthas, with all too few of the superb old Hybrid Perpetuals that ought never to have been neglected—get below eighteen inches, and we find it unreasonable to expect them to bring up the expensively buried fertility below their root range. So I am telling my friends that eighteen inches of honest soil preparation is ample for any Roses I know about. I am quite sure that Roses do not like wet feet, and that if drainage is required it ought to be below this eighteen inches. Given good drainage, two spades deep will do the trick, and I don't mind whispering in the ear of any one who is listening that in case of doubt and difficulty, or lack of time or strength, a thoroughly effective one-foot-deep preparation is going to produce some mighty fine Roses on the plants that will flourish, always above drainage, if drainage is required.

Soil, therefore, need not deter any one, nor need of complete preparation, for the present-day philosophy is that, given soil good enough and fine enough to raise Lettuce or String Beans, the Rose roots will start comfortably, and they can be fed easily as they deliver the growth and the blooms above throughout the season.

In this preparation stable manure of any kind is desirable. If it cannot be had, anything that will provide fertility in addition to that already in the soil will produce results. Bonemeal, sheep manure and wood-ashes, for most places, make up a fine combination which, about equally mixed, can well be stirred into the soil as it is dug and dug again and beaten and otherwise prepared for root-penetration.

One reason why the depth of preparation formerly urged is no longer considered necessary is because we do not plant as deeply as we used to do, and that is the next item of hokum to disturb and discard. I have had to revise my own book, *The Rose in*

America, to correct the error I find I have published, illustrated with a diagram to show how Roses should be buried to two or three inches below the place at which they flourished in the nursery. I never could understand why the Rose I had seen blooming beautifully in the nursery row would not do as well at the same level in my garden, but I followed the books just the same! Now I know that it was a mistake. It is true that occasionally a few poor weak roots are emitted on the wood of the variety above the point of junction with the understock. It is also true that under the burial system, and particularly with the excellent Multiflora understock, the roots upon which we really depended were sick or nearly dead. In many cases a Rose lifted by placing a spade under it so that the plant came up to the surface of the ground again, had begun to grow and flourish because its underlying root system had a chance to work where Nature intended it.

Planting, therefore, no lower than where the Rose grew in the nursery is at present advised as by far the best practice, and it is certainly the easiest.

Pruning is another of the mysteries which need no longer be considered. I believe the National Rose Society of England, that greatest of all Rose organizations, still publishes its Manual with individual pruning directions for each of some five hundred or more varieties it approves, but I do not know any American grower who ever brushes the dust off this volume. Pruning is a simple matter of applied common-sense. The Rose plant when it comes to the aspiring gardener has been dug from the soil, and sometimes it has been pretty well dried out. Its roots are not in full functioning condition. Obviously they are not ready to support all the top which they previously produced, and it is reasonable, therefore, to remove much of that top. It is sensible, likewise, to prune off the top so that the growth which will start out shall be in the direction desired, usually outward. The Rose is an accommodating plant and it can be grown to a single stem if one so desires, or it can be made bushy or

(Continued on page 192)



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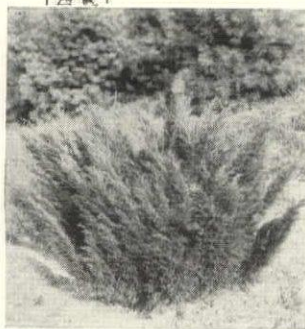
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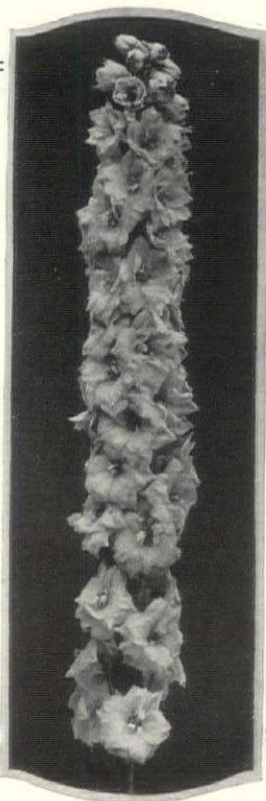
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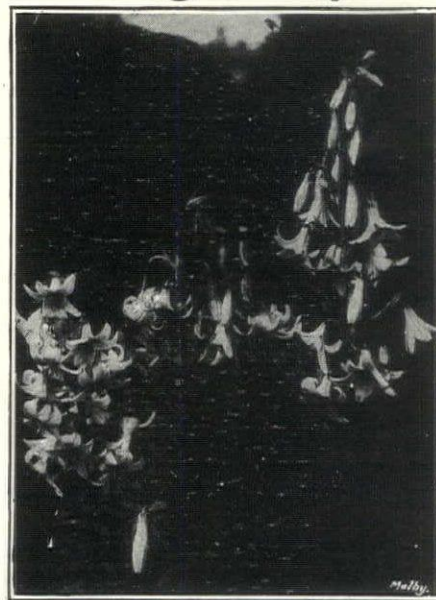
A Charming Lily

Ever so good, but one
not everyone knows

Lilium
Monadelphum

This scarce and beautiful treasure comes to us from the Southern Caucasus in Russia. It is very easily grown and readily becomes established in gardens, preferably of a limestone nature.

The flowers are of a deep straw color, spotted black, carried in large spikes of 20 to 30 blooms on a rigid straight stem 5 to 6 feet in height. They make little progress the first year planted, but in subsequent years their development is phenomenal.



LILIAM MONADELPHUM

We have an exceptionally fine lot for Spring planting
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Our New Lily Book
"Consider the Lilies"

—is the most comprehensive catalogue ever published on the Lily. It describes over 100 varieties with full cultural directions, with 78 true color plates of most of the varieties in commerce. This book will be mailed to you separately on receipt of cash \$1.00, or mailed FREE with each lily order to value of \$3.00 or over.

W. E. MARSHALL & CO., INC.

Seeds—Plants—Bulbs

154 West 23rd Street

New York City

TO MAKE ROSE GROWING EASIER

(Continued from page 190)



COLORED
METTOWEE STONE
as Garden Pathways

is now in vogue for general use as well as to fill distinctive requirements.

Everywhere its delightful charm is recognized as a determining factor in making the garden beautiful.

Intermixed natural cleft slabs, varying, with deep shadowy purples, delicate ensembles of green, with occasional dashes of rich Indian red and mellowed rustics instantly present a charming picture in decided contrast with the cold plainness of ordinary flagging or composition walks.

The lure of Mettowee Stone has also given it a favored place as porch or interior flooring. Our pamphlet "B" contains many illustrations of these various uses and will be mailed to you upon request.

If prices are desired ask for the name of our nearest dealer in your vicinity.



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dwarf, or tall, within reasonable range, by methods of pruning. The only basic facts that need to be remembered in pruning are that, for the Teas and the Hybrid Teas, bloom always results from shoots produced during the current year which may arise either from last year's wood or from the base of the plant, while hardy Climbers, Hybrid Perpetuals and the "species" Roses, with few exceptions, bloom only on shoots which arise from wood of last year or the year before. This means that we can plant the Teas and Hybrid Teas, and also the Polyanthas, and get flowers within a few weeks, while the other Roses must have a year in which to prepare for their service to us. Pruning, therefore, is largely a matter of common-sense preference, with just a little basic knowledge to guide it.

FALSE INFORMATION

"Avoid the too close shade of trees or the proximity of tree roots," writes one author whose Rose book has been largely circulated. "It must be stated that Roses will not endure either their shade or their roots," I have said in my own book in reference to trees. The older books stress the need for an impossible combination of shelter and openness, and insist that Roses must not be used in borders or where they do not have free air circulation.

But this very morning I cut glorious blooms of a half-dozen varieties of Roses growing in borders, facing south, facing north, close to hungry shrubs and rapidly-growing evergreen trees. It is the end of the second season of success in growing Roses in these sheltered locations, where the air circulation is casual and the sunshine certainly not more than fifty per cent. The varieties thus grown include one which has never done well anywhere else but has been superb in shade and shelter, as well as others of both strong and weak growth in the open, but all growing strongly, freely and blooming beautifully in the shelter. What can I do, therefore, but poke the finger of derision at myself and other writers who have inherited this bit of hokum and passed it on? In the case I have mentioned the ground is fertile, but not especially so, and no particular effort has been made to block out the tree roots. In fact, in one case I find it is necessary to remove a beautiful plant of Gruss an Teplitz from too close proximity to a superb specimen of *Taxus cuspidata*, because the latter is being injured!

So I counsel the careful planting of Roses in these partially sheltered locations, with the hope that they will do as well for others as they have done, are doing, and I expect will continue to do for me.

We have been brought up to believe that the Rose, queen that she is, would tolerate no incursions of other plants; that she would share no part of her domain with another. But queens no longer maintain the real hauteur that once was theirs. They have grown more democratic and broad-minded,

in accordance with the trend of the times. I would make a plea, therefore, for Roses now and then in the perennial border where, with perhaps even an enhancement of their beauty, they will prove true royalty by dwelling at peace with other flower folk.

The season of planting has been a matter of much discussion. We now know quite definitely that Rose roots are reducing their quality to produce Rose blooms every minute they are out of the ground, and that because all field grown Roses are dug in the fall, consequently it is good practice to plant them if the Roses can then be obtained dormant, plump and in good shape. We also know that if this cannot easily be done, it is excellent practice to buy the Roses in the fall and bury the bundles, tops and all, in a well-drained location where water will not stand around them and where they will be held over winter in condition for earliest possible spring planting.

Likewise we know that the earlier we plant in the spring the surer we are of success, and that the later we plant the more definitely does failure stare us in the face.

Potted Roses do offer an apparent seasonal advantage, and they serve to fill in blank spaces somewhat acceptably. If, however, the potted Roses have had their roots twisted and cramped to get them into the pot, be sure those roots will never spread out, wherefore the ordinary potted Rose is short-lived and only an emergency proposition. Fall planting, or fall purchase and home storage for very early spring planting, means Rose success about ninety-eight percent of the time. One courageous grower who offered to replace any Roses planted in the fall which did not start off in the spring was called upon to do so to the extent of less than one-tenth of one percent of his sales.

A PREFERENCE

In the interest of easier Rose growing mention is made of the preference of experienced growers for budded plants rather than own-root plants of all the important "everblooming" or recurrent-blooming Roses. A proper and vigorous understock provides the average Rose with a far stronger root system than it can make for itself, and the commercial budded Roses are a year older and far stronger than the usual little own-root plants that are sold in full leaf. The danger that "wild" sprouts from the understock will interfere is negligible—it doesn't happen once in a hundred chances, and is easily detected and remedied then.

A discussion of varieties is not altogether in place in this article, and it is broadly referred to the catalogs which I am delighted to see are becoming yearly more informative, more complete and more truthful. There are only a few varieties that are universal in their appeal, and it adds to the delights of Rose growing that one may try his catalog preferences with reasonable assurance of success.



Gypsophila :: "Bristol Fairy"

A lovely, snow-white Baby's-Breath that softens with a veil-like mist the bold colors of other perennials. The flowers are double, produced all summer, and the plants are perfectly hardy.

Strong Field-grown plants \$1.50 each

Regal Lily (*Lilium regale*). Trumpet-shaped flowers, white suffused pink and primrose-yellow, with rich brown on reverse. Connecticut-grown bulbs, large size 50 cts. each, \$5 per dozen, \$35 per 100. Extra large bulbs, 75 cts. each, \$7.50 per dozen, \$50 per 100.

The Spring issue of our Catalogue

features other new and popular plants which have proved their value. There are several new Phlox, new Gaillardia, and improved Poppy, with other novelties. If you wish a copy please write us.

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Bristol, Connecticut

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ROSES

Spring Planting

Roses by Bobbink & Atkins, our new, completely revised Rose Catalog, is profusely illustrated in color, describing and pricing nearly a thousand varieties of older favorite Roses as well as the newest novelties. Descriptions are given with comments on their merits and demerits. All are classified and arranged to help make a perfect selection.

Hardy Herbaceous and Rock Garden Plants

A complete catalog of New and Old-Fashioned Flowers, Aconitums, Adonis, Anthericums, Asters, Hardy Astilbes, Campanulas (Telham Beauty and others), Chrysanthemums, Delphiniums, Doronicums, Epi-mediums, Eremurus, Hybrid Heucheras, Japanese and German Iris, Oriental Poppies, Peonies, Potentillas, Primula, Trollius and Rock Garden Plants.

Evergreens, Rhododendrons

Evergreens, Rhododendrons, Evergreen Azaleas, Evergreen Shrubs, Deciduous Trees, Flowering Shrubs, Hedge Plants, Hardy Vines. Ask for Catalog.

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Ampelopsis, Aristolochia, Bignonias, Cotoneasters, Euonymus in variety, Honeysuckle, Ivies, Silver Lace Vine, Wisterias. Ask for pamphlet.

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Magnolias, Azalea Mollis and Pontica, Hardy Evergreen Azaleas, Lilacs, Cotoneasters, Japanese Maples and Weeping Flowering Cherries, Blue Spruce, grafted; Koster and Moerheimi varieties, Red and White Dogwood. Ask for Catalog.

In your request, it is important to state definitely what you intend to plant. We issue several catalogs.

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Nurserymen and Florists

Rutherford, New Jersey

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A Dependable Small Power Mower

THE IDEAL "Twenty" meets the big demand for a sturdy, practical, moderate priced power mower for medium and small lawns. Well made, ample power for heavy cutting, big capacity—a real labor saver.

Thousands of home owners, parks, cemeteries, etc., will welcome the chance to secure one of these guaranteed little labor savers this spring.

Larger Models—With New 1928 Improvements

For large estates, parks, schools, colleges, cemeteries, etc., Ideals are built in 4 sizes—20 inch, 22 inch, 25 inch, and 30 inch. The very latest improved models, with new high grade mechanical features are now available. Every machine fully guaranteed. Write for our new 1928 catalog and prices.

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237 Lafayette St. New York, N. Y.
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A Gentle Shower at Your Finger Tips

A GENTLE shower for your growing things is yours any time you want it when you have a Double Rotary Sprinkler. Just a turn of a valve puts this efficient sprinkler into instant action. Your shrubs, flowers, garden and lawn are given refreshed beauty whenever needed. Sprinkles over a circle of 5,000 square feet. Will not pack or wash soil.

Don't let dry weather spoil your garden or lawn this year. Solve your sprinkling problem right—and for years to come with a Double Rotary. Sturdily built of best materials. Bronze and steel gears run in bath of oil. Has easily adjustable nozzle and skid base. Standardized parts. Nothing to get out of order.

TRY 10 DAYS. If not absolutely satisfied, your money will be refunded. Price \$12.50 postpaid. Illustrated literature on request.

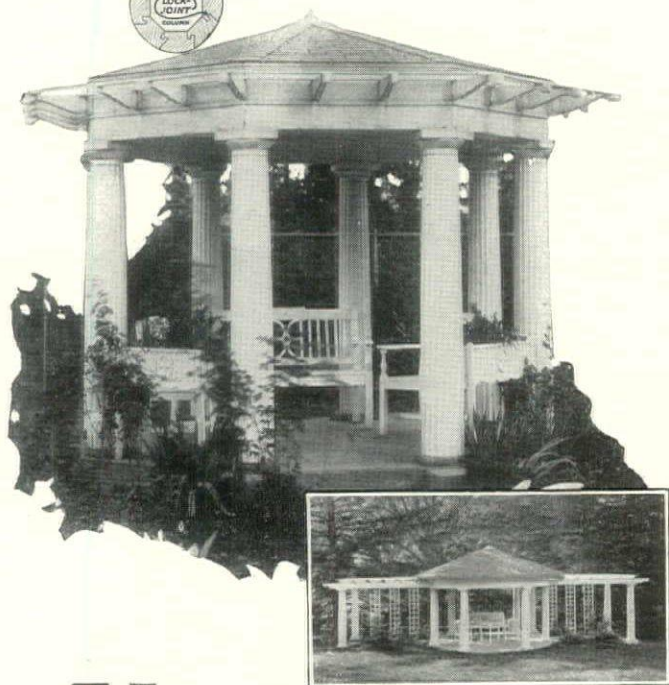
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Next Best to Rain



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In today's new awakening to architecture and landscaping, your home and surrounding garden stand as a reflection of your cultural distinction.

Hartmann-Sanders' garden settings are significant of your appreciation of life's finer and more beautiful phases; are a compliment to your discrimination, your sense of good taste.

As typified in the gracious dignity of the outdoor porch and other pieces pictured here, Hartmann-Sanders garden furnishings afford a pleasure and scope for outdoor life and entertaining that are clearly demanded by social customs today.

For quality, for durability, for beauty and masterly craftsmanship, the Hartmann-Sanders name stands supreme in fine garden equipment.

Our catalog will suggest

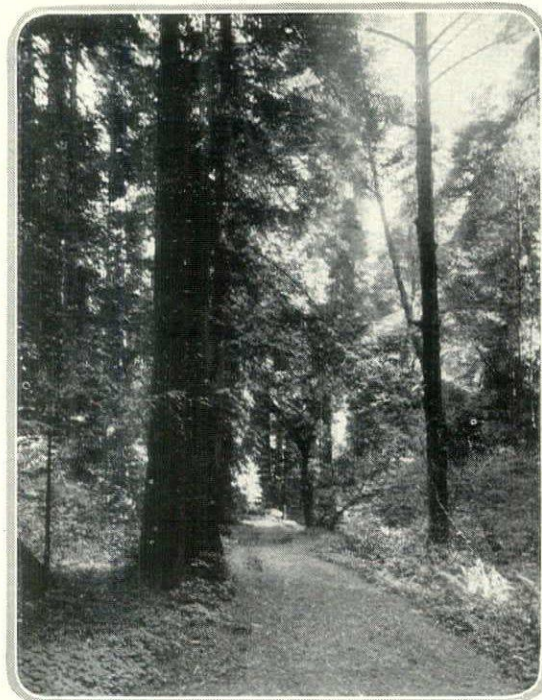
In our catalog P38 are illustrated page after page of attractive trellises, arbors, pergolas, lattice work, outdoor porches and many other garden pieces. Literally hundreds of suggestions for beautifying your yard or garden. For a copy send 30c to Hartmann-Sanders Co., 2165 Elston Avenue, Chicago. *Eastern Office and Showroom:* 6 East 39th Street, New York

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Rose Arbors

Colonial Entrances
Garden Equipment

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Columns



In locating paths and drives, the beauty and effectiveness of the larger trees can be enhanced by laying the courses close to them. Such growths are especially valuable to accent the turns

THE WOODLOT LANDSCAPE

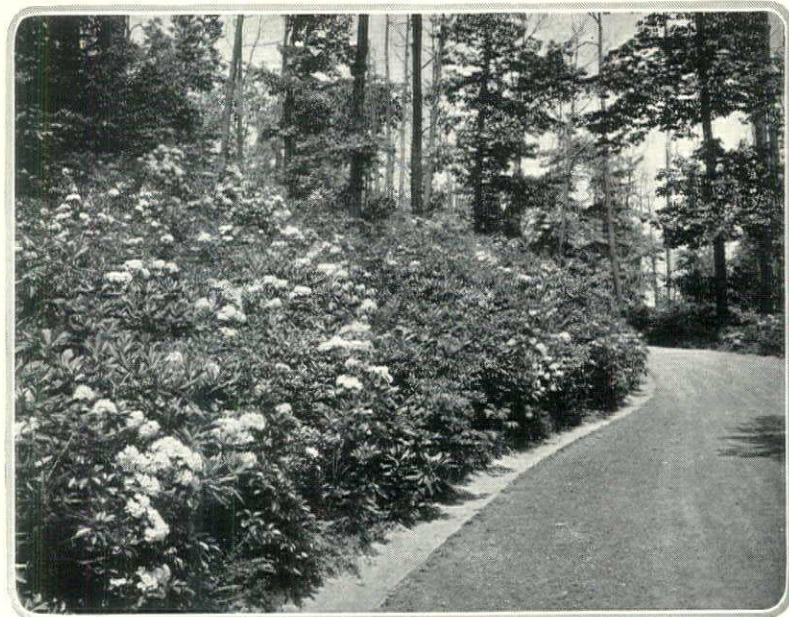
(Continued from page 84)

tates, suburban residences, or summer homes. Whenever the intensive use of the land has been abandoned, the woodlot has also fallen into decay. What is the best method of developing it to make it a thing of use and beauty? The first step, of course, is to protect the woods from its enemies. Among these, blundering humans, fire and insects are the worst.

The blundering but well meaning human is perhaps the most difficult to combat, for that one might well be ourself! We want to develop or beautify or "clean up" the woods, so we go forth armed with an ax and brush hook and proceed, with the best intentions in the world, to chop and hack the forest out of all semblance to its natural self. This is not forest devel-

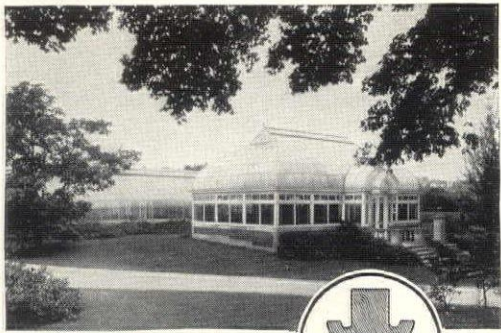
opment. I recall a story told about one of our greatest landscape architects. He had been working on the estate of a famous Detroit manufacturer. Friends of the owner were being shown the place and one remarked, "Why it doesn't look as though your landscape architect has done anything here." No more complete compliment could have been paid him, for his work was so skillfully done that the finished result had the appearance of perfect naturalness, and yet it was available for enjoyment. Its many attractions had been subtly enhanced by a bit of thinning here and there, a group of wild flowers introduced, or a bank of shrubs planted.

When we go into the woods let us
(Continued on page 196)



Rhododendrons and Laurel form a successful roadside underplanting, especially in Oak or coniferous woodlands. They like the acid soil and shelter which such situations generally provide

LUTTON V-BAR GREENHOUSES



Built for Emil Winter,
Pittsburgh, Pa.



"Flowers are the Children of Light"—Moleschott

—the better the light the better the "children". Greenhouses grow plants because they admit nurturing light while guarding against destructive temperatures and winds.

The more light a greenhouse admits the greater is the health, strength and beauty of the flowers and fruits that it contains. The Lutton V-Bar Greenhouse admits the maximum of sunlight, from morning and afternoon as well as from noonday sun. The Lutton V-Bar casts no more shadow at one time of the day than it does at another. Thus the plants in Lutton greenhouses do not suffer from slanting rays as do plants in greenhouses made with deeper or wider ribs.

Write for our booklet, "Greenhouses of Quality." It illustrates Lutton greenhouses, conservatories, and other glazed structures on both large and small estates.

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There's much meaning in that word dependable. It means first, that they are offered by a firm with a reputation for quality. Second, careful testing has proven them to be thoroughly adaptable and worth while. Everyone is either 2 or 3 years old.

Bear in mind this important fact about all our plants. Everyone has proven itself absolutely hardy, after endurance tests in this rigorous lake climate of ours. With these things assured, you can now plant your rock garden with full confidence of success.

As a complete guide to your selection of rock plants and hardy plants, let us send you our new catalog. Practically every plant has its own individual illustration. Think what that means in helping you make your selections.

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Plant PACHYSANDRA —it grows in the shade



PACHYSANDRA, the wonder plant of Japan, grows luxuriantly under trees quickly covering unsightly, bare spots with a solid carpet of rich growth.

PACHYSANDRA, benefits the health of trees by conserving ground moisture, eliminating weeds and duplicating actual forest conditions of the soil.

PACHYSANDRA, a hardy evergreen, propagates itself through its root system.

My special method of growing and handling enables me to supply PACHYSANDRA, large or small quantities, at very economical prices.

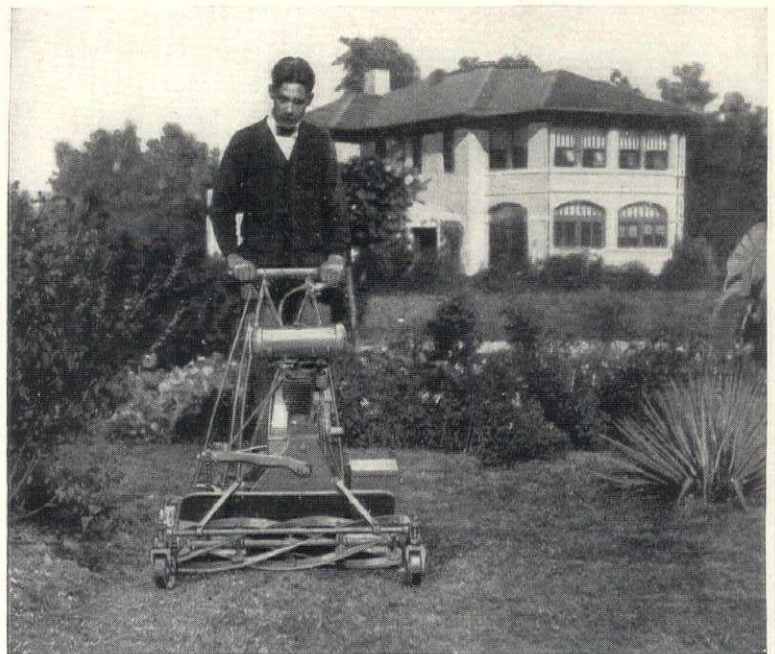
Write for information and prices

Hugh B. Barclay, Plant Specialist

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THE MILBRADT POWER LAWN MOWER



YOU want a beautiful lawn which helps to beautify your home. To obtain same the grass must be properly cut and trimmed, which is easily accomplished with the MILBRADT Power Lawn Mower. It is a simple and strongly built machine, easy to understand and operate. A boy 12 years old can run it and do a perfect job of grass-cutting. It cuts 27" wide and will mow 4 to 6 acres per day.

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Rain at Your Command

WITH a turn of the key—Spralawn* envelopes your lawn, garden and shrubbery with a fine mist-like spray that to the growing things is life itself. No drop of precious water is wasted.

All unsightly piping is under ground in this system. Rain-mist is delivered by nozzles that do not protrude above the surface. Lawns may be mowed and gardens worked without hindrance.

With Spralawn* summer drought will not take its toll of beautiful lawn and costly foliage. Whether your system is manually operated or equipped with an automatic control, the basic fact is the same. You have "Rain at Your Command".

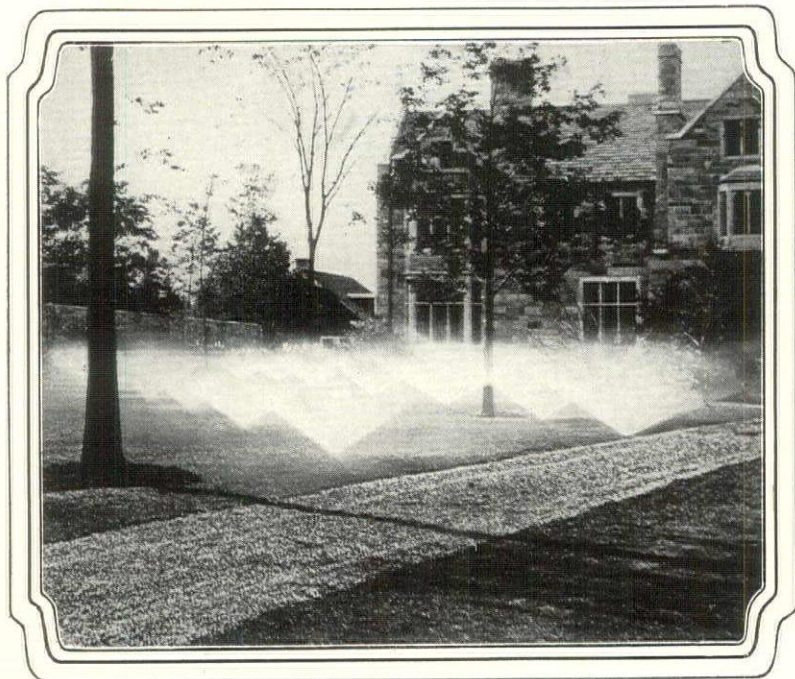
Inquiries solicited anywhere in the United States. Let us send you a booklet.

MUNZ SPRALAWN CORPORATION

General Motors Bldg., Detroit, Mich.

*Registered U. S. Patent Office

SPRALAWN



THE WOODLOT LANDSCAPE

(Continued from page 194)

have a definite plan in mind as to what we wish to make of it, and let us err on the side of doing too little rather than too much. Nature will always help us to an effect, but let us not occupy her whole time in the covering up of our mistakes.

Woodland as we find it will rarely be primeval—usually it will be second or third growth, or even a seedling growth on abandoned fields. Trees will be in clumps or thickly set of mixed varieties, and the undergrowth will be tangled and often made up of things like Laurel, Bayberry or Sumac, things which do well when the woodland is young but which have a tendency to die out as the density of the shade increases. Our first task, then, will be to reduce clumps of three or more trees to one or perhaps two of the best so that the strength of the root may be conserved and better trees developed. We will thin somewhat, leaving the trees on an average not closer than six feet apart.

THINNING OUT

Short lived or weak wooded trees of which good examples are the Birches, Basswoods and Poplars should be removed except for an occasional specimen or group which is needed for pictorial effect. Undergrowth will be removed except for a low covering of Huckleberry or Ground Hemlock, left to hold the fallen leaves which are not only essential as potential plant food but which also retain the moisture which is necessary for continued and luxuriant growth. Secondary trees—that is, those growing only twenty or thirty feet high—can be introduced or left in clumps, but should not be allowed to take up space needed for full-sized forest trees. Among these secondaries we have the Dogwoods, Cedars, Hornbeams, Hop Hornbeams, Judas trees and the various Hawthorns.

A system of trails will be developed, combining the necessary fire lanes with pleasure walks so arranged as to show off the woods to the best advantage, and also to make points of vantage such as distant views or shadowy vistas available and enjoyable. These trails should follow the natural undulations of the topography so that in walking over them it will not be necessary to climb steep banks, or descend abrupt pitches. Either the backbone of a ridge or the thread of a valley is an ideal location for a trail. Curves should be graceful and in long sweeps rather than in abrupt bends. And the sides of the trail may be planted with interesting groups of native shrubs, Ferns or wild flowers between which glimpses are to be had into the forest itself. Like all good roads, these trails should have a definite beginning and an end and should lead the observer from some point of interest to another, such as a distant view, a grass meadow, a rock encircled spring, or a particularly interesting tree or some especial group of plants.

The trails should vary in width, according to their length and importance, anywhere from four to twenty feet. Their surface should not be cul-

tivated but all underbrush which might impede easy walking should be removed and kept mown. The introduction of log or rock steps where the grades are necessarily too steep for comfort, and the use of an occasional rustic bench, adds much to the enjoyment of the visitor.

The introduction of plants which may not be native to our particular woodland, but which thrive under similar conditions elsewhere, is also an interesting field for the enthusiast. Where the trees are mostly Oak and Hickory, Hemlock, Beech and Ash may be introduced—or if there are open spaces, White and Red Pine, Spruces and Firs. Dogwood may be used to edge down a vista, or Holly, Spicebush, Shadblow or Winterberry may form clumps here and there. Mountain Laurel, Highbush Huckleberry, Rhododendrons and Azaleas thrive where the soil is acid. Of the wild flowers there is almost an endless number which can be utilized. Hepatica and Bloodroot where it is moist, Lady-slippers in a dry, sandy pine woods, Arbutus along an open stretch, Trillium in the shadows along with Mandrake, Pipsissewa, Ground Pine and Rattlesnake Plantain. In a grassy glade the Goldenrods, Asters and Bird-foot Violets, or along a small stream Alders, Willows, Joe-pye-weed, the gorgeous Cardinalflower, Turkscap Lilies and Ferns will thrive. One could rhapsodize indefinitely about the truly lovely pictures that can be made with these shy beauties, plants that no amount of coaxing can make grow in the usual flower garden.

When we have created some semblance of charm in our woodlands we are even more concerned with protecting them from fire and insect pests. Each year sees thousands of dollars' worth of ripe timber destroyed in these United States, to say nothing of the untold thousands of young trees destroyed and the countless acres of natural beauty turned into a shambles by that terror of all who know and love the woods—fire.

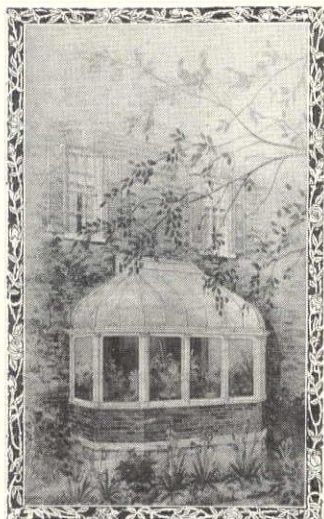
FIRE PROTECTION

To protect against fire the first step is to remove all standing or fallen dead wood, and also all the dead branches that are within reach on live trees. This opens up the woods so that they are passable and if a fire starts it can be more easily controlled. Then, too, the removal of dead branches removes a stepping stone for a fire, making it more difficult for it to leap from the ground to the tree tops. This is particularly true among the Pines and other resinous evergreens and among the hardwoods whose leaves are persistent during the late fall and on into the early spring. It is by means of such combustible material that fires acquire great impetus.

The second step in fire protection is to isolate the woodland from adjoining forest by means of fire lanes. These should be at least fifty feet wide and should be cleared and kept plowed, so that fire can neither jump or run across. If there are large and beau-

(Continued on page 198)

Then—with surprising zest,



you remember

that once you have a glass garden, it's a lifetime possession. In fact an investment. The kind that multiplies your joys and increases your contentments.

With that end in view, why don't you let us send you a Glass Garden book to browse through?

You may have your eyes opened on finding that for so little as \$660, you can buy the complete materials for a full-fledged conservatory. And for so little as \$1650, the materials for one of our sturdy little greenhouses with its entire equipment.

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At a new, low price Coldwell Electric Lawn Mower (at left) plugs in on any electric outlet. As easy to operate as a vacuum cleaner. Furnished in either 18 or 21 inch size. Send for booklet.

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In the complete line of Coldwell Dependable Lawn Mowers there's a model exactly suited to your requirements—and your purse.

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HORSE — **COLDWELL** — ELECTRIC
DEPENDABLE LAWN MOWERS

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At right: Coldwell Model "L" Motor Lawn Mower and Roller. Mows and rolls 10 acres a day on one gallon of gasoline.



BOLENS Makes Gardening An Outdoor Sport



The BOLENS Garden Tractor does plowing, seeding, cultivating and lawn mowing with gasoline power. Running the tractor is delightful recreation and the work is done better and with astonishing speed.

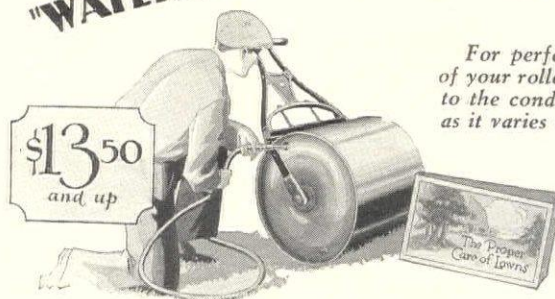
BOLENS implements are instantly interchangeable. You can change from one job to another without the use of even a wrench. Thousands of garden lovers and suburbanites have found in this outfit the solution of their garden problems.

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For perfect lawns, the weight of your roller should be adjusted to the condition of the ground, as it varies with the season.

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A VELVETY, green carpet of lawn — smooth and neat, as becomes the surroundings for a well-kept home — is only possible with a lawn roller. And with one which is adaptable to varying conditions of the soil.

Light-weight roller pressure as the frost leaves the ground: this aids the penetration of the tender, new grass roots into the soil. Heavier roller pressure as the season advances: this produces firm, closely knit roots, discourages weeds, and promotes even growth.

The weight of the Dunham Roller is adjusted by the amount of water (or sand) poured into the steel drum. Pulls or pushes with a minimum of effort. Larger sizes have roller bearings. As easy to run as a good lawn mower — and equally necessary.

Tennis courts and golf greens (moist or dry) need regulated pressure as well. For all purposes the Dunham has replaced unwieldy, noisy cast-iron and concrete rollers.

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Genuine Dunham's Identified by GREEN Body, RED Handle.

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Write for our free booklet, "The Proper Care of Lawns".

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Sod in six weeks! A rich, velvety stretch of lawn that chokes out weeds before they can grow! A deep, thick, uniform turf that makes your home a beauty spot! That's what you'll get if you plant Scott's Creeping Bent.

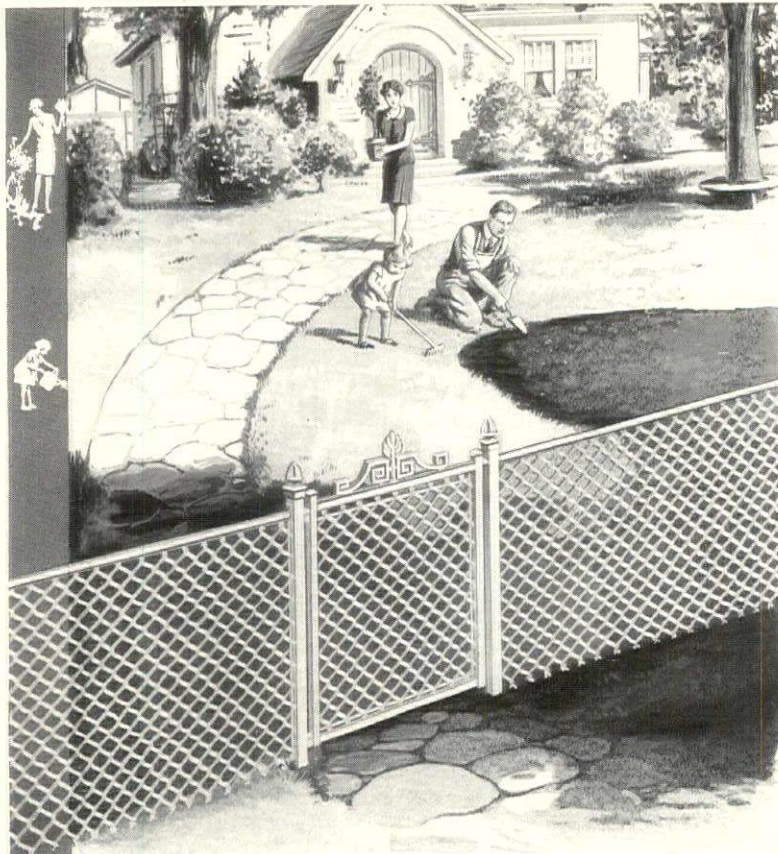
The New Super-Lawn

Creeping Bent—long recognized as the ideal grass for golf putting greens—is now producing Super Lawns. Instead of sowing seed, you plant stolons or the chopped grass—and in a few weeks you have a luxuriant lawn like the deep green pile of a Turkish carpet!

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256 Main Street MARYSVILLE, OHIO



This little book "Bent Lawns" is free to you. It is a valuable treatise on how you can have beautiful lawns. Write today for your copy.



PROTECTION for Lawn and Garden



Now is the time to insure protection for your lawn, flowers and shrubbery.

When one's property is open to invasion by short-cutters, trampling neighborhood children—stray dogs and pecking chickens—much of the hard work of spring seeding and planting is sure to go for naught.

Preserve your grounds with an Anchor Fence.

An Anchor Chain Link Fence is ornamental as well as protective. Because of its graceful square terminal posts, artistic *electrically-welded* gates and other exclusive features of design it is exceptionally attractive in appearance. Its service is everlasting.

The coupon below is for your convenience. Mailing it will bring you complete information on Anchor Lawn Fences or any other type of Anchor Fence in which you may be interested.

Anchor Sales and Erecting Service is Nationwide—local representatives in over 75 cities.

ANCHOR POST FENCE CO., Eastern Ave. and 35th St., Baltimore, Md.
Branch Offices and Representatives in Principal Cities

ANCHOR Fences

ANCHOR POST FENCE CO., Eastern Ave., 35th St., Baltimore, Md.
Please send me free literature on (check in squares):— ☐ Chain Link
Lawn Fences. ☐ High Fences for Estates. ☐ Iron Railings. ☐ Tennis
Fences. ☐ Poultry Fences. ☐ Kennel Fences.

Name _____
Street Address _____
City and State _____

THE WOODLOT LANDSCAPE

(Continued from page 196)

tiful trees in such an area they may be left, provided they are high-branched. If the woodland is greater than an acre in extent it is wise to subdivide it with paths and trails, less wide and not necessarily kept cultivated which would act as fire checks and along which backfires could be started should a fire gain headway in other parts of the woods.

The third precaution is to backfire along highways and railroads, in order to clear the ground of loose combustible material such as dried leaves and long grasses, for a carelessly thrown cigarette, match, or even a flying spark will often ignite such material. It is also advisable to be on the lookout for fire in the early spring, the dry summer periods, or in the fall so that if one starts it can be promptly checked.

The protection of the forest against its insect enemies varies according to location. Certain pests infest certain sections, and others abound elsewhere. For detailed information on any one section consult the State Bureau of Conservation. In general, however, the spraying with arsenicals for leaf-eating beetles, the collection of egg masses of caterpillars and the destruction of their nests, as well as the banding of the trees with some sticky substance to entangle those insects which breed in the ground and then climb up the trees, are usually all that is needed. Fungus diseases such as the terrible Chestnut blight and the White Pine blister rust seem to be combatable only by the destruction of the victim along with the pest. In the case of the White Pine blister rust experience has shown that if the host plants, which in this case are Barberry and Raspberry bushes, are removed the development of the fungus is hampered considerably. Insects such as the Hickory bark borer do not seem to do sufficient damage to warrant great concern over them.

In the case of the small suburban residence set in a grove or coppice our problem is somewhat different, and yet the same laws governing the needs of the trees apply. Several times I have been asked why trees which have remained on an area opened up for development show a tendency to die back at the top and to send out ragged branches along the trunk. This is a common condition and the explanation

is not far to seek. When the trees were growing in a close forest they had to grow exceedingly tall to reach the sunlight. Then, too, the shade and the more or less thick ground cover of low forest shrubs held the fallen leaves in place and retained moisture. When these conditions are changed by extreme thinning, and when the undergrowth is supplanted with clipped lawns, the trees attempt to adapt themselves to the new conditions. No longer under the necessity of reaching to a great height for light, they tend to sprout out at the side. Bereft of the mulch of leaves and shadowed ground, the trees suffer from lack of food and moisture and consequently are unable to send sap to the topmost branches. This looks rather like a hopeless dilemma, for we cannot place our homes in the dense shade of an unbroken forest, nor do we wish to have them surrounded by rough, unkempt growth. We may save our trees, however, by giving them some additional care. Watering is the most important thing, especially when we realize that the average tree uses through evaporation several barrels of water each day. We can appreciate this need, especially during hot, dry summers. Watering is best accomplished by making holes with a crowbar to a depth of two feet or so at intervals of three feet or more all over the area surrounding the trees.

Another helpful thing to do, insofar as the landscape scheme permits, is to cover-plant under the trees. Such plants as Myrtle, Pachysandra, Honey-suckle, Ivy or Lilies-of-the-valley are admirable for this purpose, and great beds of them under the trees are often an added attraction to the place.

In planning our landscape, too, if we have forest trees in mind, we can do much to enhance their well being and at the same time gain an effect more in harmony with the site. Native shrubs for boundary and screen plantings, young native trees planted to take the place of the older ones eventually, or plantings of native Ferns and flowers—all of these will play an important part in our gardening schemes. In this way harmony and a healthy growth will prevail and we will avoid the sad spectacle either of dead or dying trees, or of ordinary garden plants struggling desperately to survive unsuitable conditions.

A PLACE TO MEET THE SPRING

(Continued from page 174)

previous experience in gardening; and the purchase of seeds and shrubbery in the spring and bulbs in the fall spreads the cost over three seasons.

I hope these suggestions written from my personal experience in two very different gardens will prove helpful. "We learn by doing"—but often with much discouragement—so I have tried to record all the important facts which an amateur in the first flight of enthusiasm might overlook. Usually the gardener is not interested in articles on gardening until a plot of ground comes into his possession. And among my gardening friends, even the most enthusiastic did not know of the wealth of garden lit-

erature when they first wanted a garden.

It seems to me that the beginning flower-grower, often a woman, will find the best plan to be one of planting a background and preparing the soil with day labor for the heavy work. Then she can plant the bulbs and perennials with her own hands, for care and knowledge and skill are required for their right planting.

Half the pleasure in gardening comes from plans and anticipations and the development of our creative ability through actual work with our own hands. Town gardens form a separate and recognized class and one which the owners can develop along new and original lines.



Gets them Quick!

Cutworms, snails,
slugs, earwigs, sow-
bugs, grasshoppers

When You Use This New Way!

DESTROY these unsightly and destructive pests in your garden with Snarol, the proved scientific method that has won the approval of thousands of home owners, gardeners and nurserymen everywhere.

You simply broadcast this ready prepared meal on the ground about the plants and vegetation. The pests eat the meal as a food and are quickly destroyed.

Unlike old time methods, Snarol is non-injurious to plants and vegetation when used according to simple directions. Also, water will not harm Snarol—in fact it works best when damp. This feature makes it ideal for use where rain and sprinkling cause wet garden conditions.

Act today for plant protection and freedom from these unsightly pests. For sale at seed stores, hardware dealers and leading drug stores in convenient 1 lb. and 3 lb. packages and 15 lb. bags. If more convenient write Dept. 13, Antrol Laboratories, Inc., 651-53 Imperial Street, Los Angeles, California for free 24-page pamphlet and name of your nearest dealer.

Stop Ants

Antrol, a companion product to Snarol, quickly kills Argentine and other sweet eating ants. Not a paste or powder but a complete system composed of tiny glass jars which you fill with Antrol syrup. These jars then stand "on guard" like sentinels.

Use Antrol

Snarol

The National Pest Control

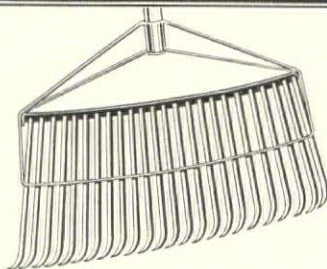


Something new for every lawn!

Lawncomb

IT's so easy to have a smooth, well-groomed lawn with a **LAWNCOMB**. The **LAWNCOMB** has a steel frame. The curved tines are of guaranteed spring steel and will not break or bend; yet they exert enough pressure to clean the lawn without injuring even the tenderest grass. The average steel rake no matter how lightly used digs into the grass, loosens the roots and soon kills the new shoots. The **LAWNCOMB** is so serviceable—so inexpensive that no home should be without one.

EASTERN TOOL & MFG. CO.
BLOOMFIELD, N. J.



\$1.25

If your dealer does not yet sell the Lawncomb send us \$1.25 and we will send you one express pre-paid.

Moto-Mower

TRADE MARK



A twist of the wrist guides it

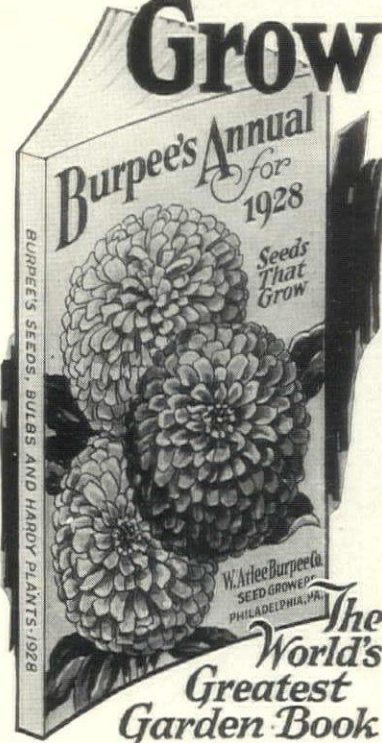
Your Lawn Like Velvet

Nothing adds more to the beauty of your place than a fine expanse of velvety lawn. To insure the finest results choose the Moto-Mower. Saves time, labor, expense. Simple and easy to operate—turns on its own power. Cuts close to obstructions. Return the coupon for our new catalogue.

The Moto-Mower Company,
3247 E. Woodbridge St., Detroit, Michigan
Please send latest catalogue to:

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Address.....

Burpee's Seeds Grow



You will find "Burpee's" an interesting book chock full of information about the super quality Vegetables and Flowers you would like to see growing in your garden.

New Vegetables and Flowers

Burpee's Branching Sweet Corn—an outstanding distinct new variety with as many as six ears to a plant. Four excellent new Sweet Peas—one of them named "Fluffy Ruffles," representing the first of the "ruffled" type, and a number of new Giant Gold Medal Dahlias, the last word in this popular flower.

BURPEE'S ANNUAL IS FREE

It tells the plain truth about the Best Seeds That Grow. A complete garden guide offering the best in Vegetable Seeds, Flower Seeds, Lawn Grass, Farm Seeds, Bulbs, Roots, Fruit Trees, Flowering Shrubs, and Roses. Just mail a postcard or the coupon below and Burpee's Annual will come to you free.

TEAR HERE
W. Atlee Burpee Co.
SEED GROWERS PHILADELPHIA
Please send me a free copy of Burpee's Annual

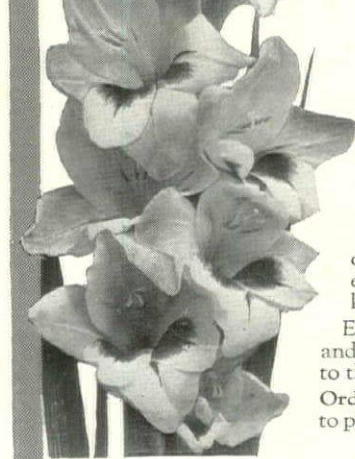
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A Garden Full of Gladioli for \$2.00



The Gladiolus is one of the most satisfactory flowers grown and there is no reason why every family cannot enjoy this grand flower—it is as easy to grow as the potato.

They bloom from July to frost if you plant a few bulbs each month from April to July.

For Two Dollars we will send 50 Bulbs of our Grand Prize Mixture, which covers every conceivable shade in the Gladiolus kingdom.

Each year we sell thousands of these bulbs and have received numerous testimonials as to their merits.

Order Your Bulbs Now so as to have them to plant when you begin making your garden.

Simple cultural directions in package

Mail your order with Check, Money Order, Cash or Stamps, mentioning this advertisement, or call at any of our stores, and secure this splendid collection, sent prepaid to any point in the U.S. east of the Mississippi. For points West and Canada, add 25c (\$2.25).

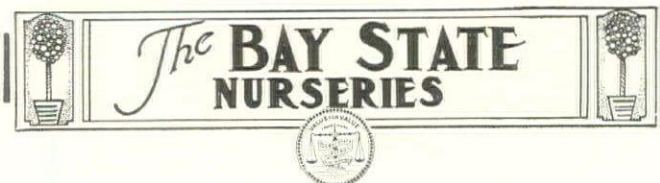
Our 1928 Spring Seed Annual sent on request

Stumpp & Walter Co

30-32 Barclay St.

New York City

Branch Stores in Newark, N. J., White Plains, N. Y., Baltimore, Md.



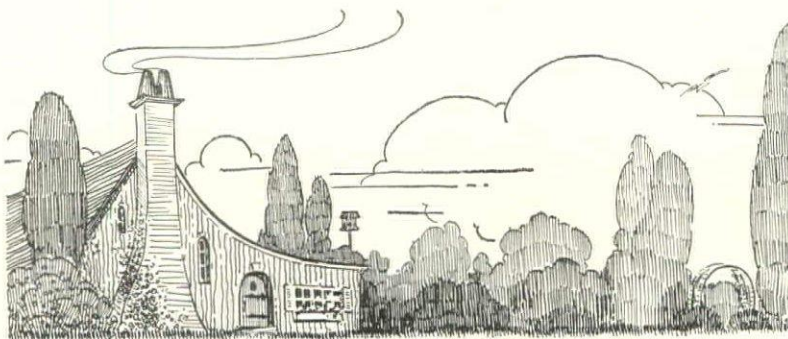
Attractive Homes!

WHAT makes them so? The design of the house itself; and essentially, the manner in which the grounds are developed.

With spring and planting time here once again, let us help you solve your planting problems.

Whether your requirements are modest or extensive, you will find our nursery stock of exceptional quality and variety, ample from which to choose.

Our new handsome illustrated handbook we will gladly send on request. It contains many valuable suggestions and lists all worthwhile varieties, of trees, hardy plants, flowering shrubs, perennials, etc. Write us now.



The BAY STATE NURSERIES

W.H. WYMAN and SON Props.
NORTH ABINGTON, MASSACHUSETTS

GARDENING GUIDE

(Continued from page 125)

| SPRING BLOOMING | | | | | |
|--|---|---|--|---|---|
| EVERGREEN SHRUBS | DECIDUOUS SHRUBS & TREES | VINES | PERENNIALS | ANNUALS | BULBS |
| Azalea (various) Daphne cneorum Shortia Andromeda Rhododendron (Catawba & Carolina) Drooping Leucothoe | Azalea (various) Daphne mesereum Starry Magnolia Jap. Quince Redbud (Cercis) Dogwood (various) Rose Hugonis Flowering Cherries, Plums, Almonds, Peaches, etc. Forsythia and many others | PERENNIAL Honeysuckle Wisteria Jasminum Anemone Clematis (C. montana) Akebia ANNUAL Cardinal Climber Moonflower Morning-glory Japanese Hop Purple Bell (Cobra) Hardy Pea (latest) | Alyssum Arisaema Aubrietia Dicentra Iberis (pumila and others) Phlox subulata Primulas Saxifrage Viola | STARTED PLANTS Pansies English Daisies Alyssum Ageratum Petunias Wallflowers QUICKEST FROM SEED Clarkia Phlox drummondii Poppies Leptosiphon Nemophila | Tulips Narcissus Hyacinth Crocus Sno" Gra. Hyacinths Chionodoxa Scillas Fritillaria |
| SUMMER BLOOMING | | | | | |
| Abelia Rhododendron (hybrids) Rhododendron maximum Honeysuckle (Lon. pileata) Mahonia Leatherleaf Inkberry Heather (Calluna) Heath (Erica) | Jap. Dogwood Lilacs Sweet Bay (M. glauca) Mockorange Smoketree Sweetshrub Rose (several) Hydrangea (early varieties) Deutzia (Pride of Rochester) Butterfly-bush | PERENNIAL Honeysuckle Clematis Silver Fleece-vine, Silver Lace Vine (Polygonum) Silverbush (A. ciliata) Trumpet-creeper (Bignonia) Hardy Pea (Lathyrus) ANNUAL Scarlet Runner | Anchusa Campanula Delphinium Foxglove Geum Iris, Jap. Phlox Platycodon Scabiosa | FROM SPRING SOWN SEED Cosmos (new extra-early type) Chrysanthemums Larkspur Candytuft Lupines Lavatera Portulaca Viscaria | Be... uberous Agapanthus Tuberose Summer Hyacinth Ismene Trigridia Tritoma (hybrids) Gladiolus Cannas Hardy Lilies (early sorts) |
| FALL BLOOMING | | | | | |
| Daphne Abelia Heath (Erica) Menziesia | Hydrangea Butterfly-bush Summer-sweet Rose of Sharon Hardhack Waterer Spiraea Chastetree (Chaste Bush) Witchhazel Lespedeza formosa | PERENNIAL Honeysuckle Clematis Kudzu-bean Hardy Pea Bittersweet Euonymus ANNUAL Cardinal Climber Morning-glory Moonflower Purple Bell | Anemone, Jap. Aconitum (fischeri) Asters Chrysanthemums Boltonia Campanula carpatia Gaillardia Plumbago Stokesia Viola (Jersey Gem) | Asters African Daisy Cosmos Petunia Galvia Marigold Mignonette Zinnia Snapdragon Verbena Heliotrope | Crocus (speciosus) Canna Dahlia Gladiolus Montbretia Kafirily (Mrs. Haggerty) Sternbergia (lutea) Oxalis Hardy Lilies (late sorts) |
| RED & PINK | | | | | |
| EVERGREENS & TREES | SHRUBS | VINES | PERENNIALS | ANNUALS | BULBS |
| Rhododendron Mountain Laurel Lambkill Laurel Daphne Abelia Dogwood, Pink Redbud Flowering Cherry and others | Azaleas Japan Quince Hawthorn Dwarf (pink) Weigela (Rose-colored) Spiraea (crimson) Spiraea Anthony Waterer Shrub-althea (Hibiscus syriacus) Tamarix | ANNUAL Cardinal Climber Dolichos Scarlet Runner Cypress Vine Morning-glory (Brazilian) Moonflower PERENNIAL Clematis coccinea Bignonia Honeysuckle (Dutch) | Anemone, Jap. Aquilegia Armeria Chelone Dianthus Dicentra Geum Gaillardia Hibiscus Peony Lychnis | Balsam Gaillardia Clarkia Crimson Flax Petunia Phlox Poppies (small types) Scabiosa Cosmos Scarlet Sage | Tulips Hyacinth Narcissus (pink varieties) Fritillaria Bulbocodium Lycoris Gladiolus Dahlias Cannas Hardy Lilies (several) |
| YELLOW | | | | | |
| Arborvitae (Vervane Golden) Chinese A. (Column, Gold Spire) Sawara Cypress Goldtip Jap. Yew Juniper, Chinese "golden" Laburnum Tuliptree | Forsythia Genista Cornelian Cherry Azalea lutea Kerria, Jap. St. Johnswort Witchhazel Rose Hugonis Rose, Harrison's Yellow | ANNUAL Canary-bird Vine Thunbergia PERENNIAL Jasmine (nudi-florum) Honeysuckle Bittersweet (yellow-orange berries) | Achillea Adonis Anthemis Goldentuft (Alyssum) Doronicum Coreopsis Helenium Evening Primrose Rudbeckia Trollius | Bartonia Calliopsis Calendula Poppies (esp. Golden West) Marigold Evening Primrose Sweet-sultan Snapdragon Sunflower | Narcissus Hyacinth Crocus Tigridia Sternbergia Ornithogalum aricum Dahlias Gladiolus Cannas Tritonias (Montbretias) Hardy Lilies (several) |

(Continued on page 202)



Why "Waite" for Dahlias?

—because here, you get the finest in the land, all certified by the American Dahlia Society, carefully packed and promptly delivered.

"Waite's Dahlias" for years have been leaders in the various classes of this most popular flower.

Standard Varieties of Merit

Tubers each

| | |
|---|--------|
| Jersey's Beacon. (Dec.) A spectacular exhibition dahlia the color of which is Chinese scarlet, with a paler reverse, giving a two toned effect. Large globular flowers, fine stem and foliage | \$2.50 |
| Jersey's Beauty. (Dec.) Unquestionably the finest dahlia of its color in existence. Erosine pink—a shade difficult to describe. A 100 per cent flower in every respect. Fine foliage and strong stems | 1.00 |
| Jersey's Ideal. (Dec.) Aptly named for it is ideal in every way. The color is best described as a lavender pink sometimes varying to Phlox pink. Fine foliage and good stems set off the large blooms | 5.00 |
| Jersey's Elegans. (Dec.) Spinel pink | 5.00 |
| Jersey's Fiancée. (Dec.) Rose pink; petals tipped gold | 5.00 |
| Jersey's Sunshine. (Dec.) Light yellow | 5.00 |
| Jersey's Jewel. (Dec.) Soft mallow pink | 2.50 |
| Jersey's Gem. (Dec.) Lavender pink | 1.00 |
| Jersey's Radiant. (H. C.) Orange | 2.50 |
| Jersey's Mammoth. (H. C.) Golden Mahogany | 2.50 |
| Jersey's Sweetheart. (Dec.) Delicate pink | 2.50 |
| Jersey's Wonder. (Dec.) Apricot yellow | 5.00 |

WAITE'S American grown WREXHAM DELPHINIUMS

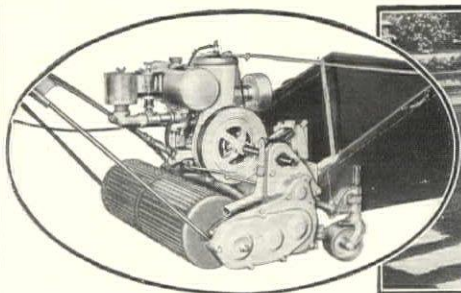


These grand hybrids are produced and bloomed on my own grounds from imported English seed. All inferior types and colors have been "rogued" out. Every flower spike is unique in color, perfect in form and of giant size.

Price. Pot-grown plants. Per doz. \$6.00; per 100—\$40.00

Field-grown plants Per doz. \$8.00

WAITE'S GARDENS
INCORPORATED (BOX H.)
EATONTOWN, N. J.



Jacobsen "Estate" Power Lawn Mower

JUST as fine as a power lawn mower can be made—the result of several years development by experienced power mower specialists. There are no traction wheels on this mower to mar a delicate lawn. Broad traction rollers propel the mower and at the same time produce a beneficial rolling effect. The cutting height is adjustable and the 24-inch, six-blade reel creates a lawn as smooth as velvet.

Designed for Estate Lawns

There is abundant power in the specially built Motor to cut the toughest Fescue, Bermuda or St. Augustine grasses. The mower travels on its own power and steers so easily that the old gardener can do a perfect job without fatigue. Cuts close to flower beds, walks and other obstructions.

The reel is sharpened by the mower's own power.

The Estate Mower is a modern engineering masterpiece—auto-mobile-type differential, enclosed gears running in oil, separate clutch control of traction and cutting reel, and other well-known Jacobsen features. Sales and Service in all important cities.

Write for descriptive literature and prices. State size of lawn. Demonstrations on your own grounds without obligation.

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Dept A Racine, Wisconsin

New York Office: 245 W. 55th St.

Lawns Beautiful

A Book On Gardening That Is Different

Different in that it contains fundamental information which is the foundation of success in gardening and which is unknown to or overlooked by most writers of gardening books.

Gardening With Peat Moss

By Rockwell and Breitenbucher

While the title emphasizes peat moss, this practical work teaches, in an interesting style and briefly, the science of soil treatment necessary to the most successful results with crops of the home garden, including Flowers, Vegetables, Fruits, Trees, Shrubs, Hedges, etc.

Who would not pay a dollar to know how to have better results in the garden and possibly prevent losses every year, many times exceeding the cost of the book?

Here are some of the chapters!

How Plants Grow; The All Important Function of Moisture; Plants from Seeds and Cuttings; Planting and Transplanting; Lawns, Their Making, Remaking and Keeping; Success with Roses; Evergreens and Evergreen Shrubs; Lilies and Bulbs; Hardy Perennials; Plants In The House and Under Glass; What Peat Moss Is and What It Brings To The Garden.

Illustrated with colored plates and engravings. Cloth covers, \$1.00 postpaid.

A-25-Burling Slip ATKINS & DURBROW, INC. New York, N. Y.



Good Gardens, Thrifty, Healthy Plants, Beautiful Flowers, Good Vegetables

All these depend on real good garden soil. Manure on which gardeners formerly depended, is difficult to obtain. It is never fully desirable because it is unsanitary, carries weed seed and often injurious bacteria.

Plants cannot flourish except in soil rich in organic matter.

IMPORTED GRANULATED PEAT MOSS TORF MULL

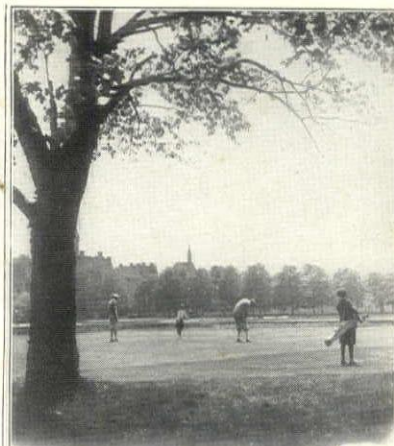
is all pure organic matter. It is clean, odorless, free from weed seed, insects and disease. Vigorous plants exhaust the soil's supply of humus and it must be constantly supplied through annual applications of this kind.

Imported Granulated Peat Moss is ideal. It offers a simple way to improve soil. Spread it liberally and evenly and spade it in early.

Imported Granulated Peat Moss is clean and odorless; holds moisture and makes heavy soil more friable and light soil more binding—makes the soil more retentive of moisture. It helps retain commercial fertilizer when that is applied, releasing it according to the needs of the plants.

Test it and you will never be without it. We will send a test bale (garden package) postpaid for \$1.50.

A full size bale covers 240 square feet one inch deep. Price \$4.00 F. O. B. New York. Can be had through your dealer. Literature on request.



You can have a lawn to rival a fine golf green!

HERE'S the new easy way to have a lawn to rival the beautiful, velvety weedless green of a well-kept park or golf course—

Fertilize with Arcadian Sulphate of Ammonia

Use Arcadian Sulphate of Ammonia and your turf will show a wonderful improvement—much less weeds, much healthier grass. Continue the Arcadian treatment and eventually you will have a lawn free from weeds.

Read what experienced users say: "The greens of the Garden City Golf Club have been almost completely freed of weeds, particularly clover, by our use of Ammonium Sulphate (Sulphate of Ammonia)."—Deveaux Emmet, golf and landscape architect.

"... we have in Ammonium Sulphate the best single chemical fertilizer that can be used on a lawn."—Geo. T. Moore, Dir. Missouri Botanical Garden.

"A method of fighting lawn weeds that the writer has used with considerable success is the use of dry sulphate of Ammonia"—Albert Hansen, Purdue University.

ARCADIAN Sulphate of Ammonia

Arcadian is easy to apply—just scatter it on the soil when the grass is dry, and sprinkle according to simple directions furnished with each package. It looks like fine, dry sand; makes no mess on the lawn and requires no raking up. No odor, no filler, no weed seed—just concentrated plant food (20 3/4% nitrogen guaranteed).

\$2.00 worth covers 2500 sq. ft.

Economical, too! 10 lbs. Arcadian has more actual fertilizer value than 400 lbs. stable manure. The new, convenient 10-lb. household package—enough to fertilize 2500 sq. ft. of lawn—costs only \$2.00 delivered. If you have a larger lawn, or flowers and trees you also wish to fertilize, you can save \$1.00 by ordering the 25-lb. size. It costs only \$4.00. Just clip cash, money order or check to the coupon below—and mail, today. NOTE: Arcadian will be sent you C.O.D. if you prefer. It costs just a few cents more to cover Post Office charge for handling your money.

The Barrett Company

Lawn & Garden Service Dept.
40 Rector St. New York, N. Y.



THE BARRETT COMPANY
Lawn & Garden Service Dept.
40 Rector St., New York City

Check Here
☐ I enclose \$2.00 in full payment for 10-lb. package Arcadian Sulphate of Ammonia.
☐ I enclose \$4.00 in full payment for 25-lb. package Arcadian Sulphate of Ammonia.
☐ Please send me C.O.D.lbs. Arcadian Sulphate of Ammonia.

Name.....

Address.....

H.G. 2
KINDLY PRINT NAME AND ADDRESS

GARDENING GUIDE

(Continued from page 200)



Native Plants for Rock Gardens

Unusual plants have a distinct appeal in the rock garden. Foliage and flowers are charming, and the plants are perfectly hardy.

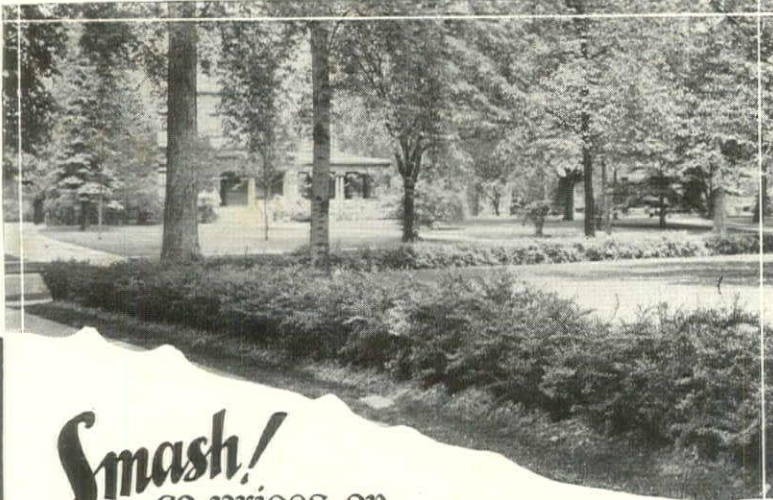
SPECIAL COLLECTION NO. 8

- | | |
|---|---|
| 5 <i>Leiophyllum buxifolium prostratum</i> . Allegheny Sand Myrtle. | Carolina Harebell. Pale blue, bell-shaped flowers. |
| 10 <i>Sedum ternatum</i> . Mountain Stonecrop. White flowers. | 5 <i>Heuchera americana</i> . American Alum-root. Greenish white flowers in June. |
| 5 <i>Habenaria ciliaris</i> . Yellow Fringe Orchid. | 5 <i>Houstonia purpurea</i> . Mountain Houstonia. Purple flowers. |
| 5 <i>Dicentra eximia</i> . Fringed Bleeding-heart. Deep rose flowers. | 5 <i>Xerophyllum asphodeloides</i> . Turkey's Beard. White flowers. |
| 5 <i>Asclepias tuberosa</i> . Butterfly Weed. Orange or red flowers. | 5 <i>Yucca filamentosa</i> . Common Yucca. White bell-shaped flowers. |
| 5 <i>Campanula divaricata</i> . North | |

Five to 10 plants of each variety \$9.00
(55 plants in all) for only.....

My catalogue of Native Plants—Ferns, Lilies, Box Plants, Orchids, perennials and evergreens, will be sent on request to all who are interested in unusual gardens.

E. C. ROBBINS, Box 8, Ashford, North Carolina



Smash!

go prices on
BARBERRY THUNBERGII
the hedge of beauty—density—protection
the best of all hedges!

It's a shame to do it but these plants are growing on leased land that must be cleared. Every plant is 3 years old, healthy and exceptionally well rooted, one of the prettiest fields of Barberry we have ever seen.

TAKE ADVANTAGE OF THIS OFFER NOW

Here is a rare buy for those needing barberry for hedges and decorative landscape planting. Grows quickly and withstands cold climates.

SPECIAL PRICES WHILE THEY LAST

18-24 inch size \$15.00 per 100 2-3 ft. size \$18.00 per 100
(No order accepted for less than 100 at these prices)

ORDER AT ONCE FOR SPRING SHIPMENT

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Please send me your illustrated catalog

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Street.....
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We have prepared a most interesting catalog, illustrated in full colors, containing a wealth of information about trees, shrubs, roses, evergreens and perennials, which will help you in garden or landscape planning. Send the coupon today for your copy. It's Free; postpaid.

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Nurserymen Since 1866
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| EVER-GREENS & TREES | SHRUBS | VINES | PEREN- NIALS | ANNUALS | BULBS |
|--|--|--|--|---|--|
| WHITE | | | | | |
| Rhododen- drons Andromeda Drooping Leucothoe Flowering Cherry, Crab and others Magnolia Dogwood, Flowering Silverbell Fringetree (White- fringe) Honey- Locust | <i>Azalea viscosa</i> Hawthorn Deutzia Spiraea, various Mockorange, various Viburnum, various Shadbush (Amelan- chier) Flowering Summer- sweet Rose (multi- flora and others) | ANNUAL Dolichos (Daylight) Moonflower Cypressvine (white) PEREN- NIAL Clematis (various) Actinidia Madeira-vine Jasmine (officinale) Wisteria Honeysuckle | Arabis Achillea Anemone, Jap. Boltonia Gypsophila Iberis Iris (Siberian) (Snow Queen) Phlox (Miss Lingard) Shasta Daisy Viola (White Jersey Gem) Yucca | Alyssum, Sweet Ageratum Candytuft Cosmos Gypsophila Stevia Lavatera Petunia (esp. Balcony White and Snowball) Poppy (White Shirley) Verbena (Seafoam) | Tulip Narcissus Hyacinth Crocus Snowdrop Snowflake Ismene Summer Hyacinth Madonna Lily and others |
| BLUE SHADES | | | | | |
| FOLIAGE Koster Blue Spruce Blue Colorado Spruce Blue Mt. Atlas Cedar Silver Redcedar Dundee Redcedar Column Chinese Juniper Moss Cypress Blue Column Lawson Cypress | Hydrangea Mint Shrub (<i>Elsyoltzia</i>) False Indigo Bush Lilacs Buddleia Chastetree (<i>Vitex, esp. V. macro- phylla</i>) Blue Rose- of-Sharon (<i>Hibiscus sy. ardens</i>) Blue Spirea (<i>Caryo- pteris in- cana</i>) | ANNUAL Morning- glory Moonflower (sky-blue) Moonflower Climbing Foxglove PEREN- NIAL Wisteria Lycium Akebia Kudzu Vine Clematis <i>jackmani</i> | Aconite Anchusa Aster Delphinium Globe Thistle Iris, various Platycodon Lobelia, var. Stokesia Plumbago Myosotis Viola, Jersey Gem | Blue Lace- flower Asperula Ageratum Lobelia Larkspur Lupine Petunia (new blue) Torrenia Phacelia Zinnia (giant purple) Heliotrope | Hyacinth Grape Hyacinth Scilla Chionodoxa <i>Allium azurum</i> Iris, bulbous <i>Fritillaria meleagris</i> Agapanthus (Blue Nile Lily) Gladiolus (several) Nymphaea (various) Brodie |
| FOR SUNNY LOCATIONS | | | | | |
| Redcedar Arborvitae (Most conifer- ous ever- greens re- quire full sunlight to develop properly) Laurel Holly | Tamarisk Hydrangea Redleaved Bayberry Bayberry (Practically all shrubs, including most of those in list below, will thrive, in full sun) | ANNUAL Canary-bird Vine Cardinal Climber Morning- glory Nasturtium Gourds PEREN- NIAL Hardy Pea Wisteria | Aster Butterfly- weed Daylily Goldenrod Dianthus <i>deltoideus</i> Iris (various) Phlox <i>subulata</i> Gaillardia Sedum Yucca | Sweet Alyssum Begonia Balsam Iceplant <i>Begonia sem- perflorens</i> Arctotis Portulaca Cynoglossum Anagallis | (Almost all hardy bulbs, except a few of the hardy lilies, thrive in full sun, but will tolerate moderate shade) |
| FOR SHADY LOCATIONS | | | | | |
| Hemlock Balsam Fir Douglas Fir Canadian Yew White Pine Rhododendron (native varieties and other native evergreen shrubs) Flowering Dogwood | Summer- sweet Sweetshrub Witch-hazel Snowberry Coralberry Hypericum Winterberry (<i>Ilex verticillata</i>) Blueberry Flowering Raspberry Sweetfern (<i>Comptonia</i>) | ANNUAL Smilax Jap. Hop Canary-bird Vine (also in mod- erate shade) PEREN- NIAL English Ivy Euonymus Clematis Vitis (Grape) <i>Vinca minor</i> | Aconite Anemone Columbine Coralbells Bloodroot (<i>Phlox divaricata</i>) Myosotis Globeflower Spirea Bleeding- heart | Clarkia Clematis Euphorbia Evening Primrose Gaillardia Myosotis Snapdragon Mimulus (Monkey- flower) Helianthus Impatiens Lupine Mignonette Thunbergia | <i>Allium Colochortus robustus</i> Narcissus (<i>Poeticus var.</i>) <i>Scilla non- scripta</i> Camassia Colchicum Trillium Lycoris <i>Lilium philadel- phicum</i> <i>L. auratum</i> and others |
| FOR DRY LOCATIONS | | | | | |
| EVERGREEN TREES & SHRUBS | DECIDUOUS TREES | DECIDUOUS SHRUBS | PEREN- NIALS | ANNUALS | BULBS |
| Green Colo- rado Spruce (<i>pungens</i>) Redcedar Junipers White Pine Scotch Pine Jack Pine Pitch Pine European Larch Juniper Laurel | Red Oak Birch (Amer. White) Black Locust Sassafras Witch-hazel Persimmon | Beach Plum Sumac Rose (<i>rugosa</i>) Bayberry and other species Sweetfern Witch-hazel | Asters Achillea Anchusa Blue Salvia Evening Primrose Erigeron Globe Thistle Lupines Verbascum Yucca Poppy (Oriental) Most "rock plants" | Sweet Alyssum African Daisy Asperula Iceplant Leptosiphon Miniature Cal. Poppy Portulaca Sand Verbena Wall Gypsophila | <i>Allium Cooperia Crocus (species) Daylily Iris (dwarf vars.) Narcissus: triumphans minor Sparaxis Stern- bergia</i> |
| WET OR MOIST LOCATIONS | | | | | |
| Arborvitae Baldecypress (<i>taxodium</i>) Whitecedar (<i>Cham. thyoides</i>) Tamarisk White Spruce Juniper (<i>hor- izontalis</i>) Canadian Yew Rhododendron Bog Kalmia Andromeda Partridgeberry | Red (Swamp) Maple Waterlocust Green Ash Sour Gum (Tupelo) Willow Pin Oak Swamp White Oak Elm Linden Red Birch | <i>Azalea viscosa</i> Alder (various) Buttonbush Summersweet Bushy St. Johns Wort Winterberry Pussywillow Osiers Blueberry | Cardinal- flower Beebalm Chelone Lobelia Boltonia Eupatorium Loosestrife Myosotis Iris (Blueflag) (Yellow- flag) Marsh Marigold | Anchusa Balsam Calendula Clarkia Cleome Euphorbia Impatiens Mignonette Myosotis Sweet Peas Stocks | Calla Caladium Begonia (Tuberous) Narcissus (<i>Poeticus</i> types) Hyacinth <i>Fritillaria meleagris</i> Galtonia Leucojum |

Just Try to Find Healthier Trees!

It doesn't just "happen" that we've got some of the healthiest trees you ever saw; it's a matter of care in the nursery.

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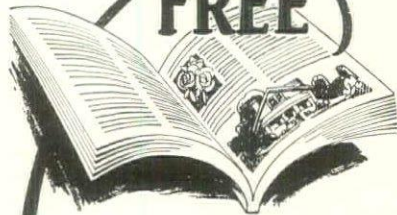
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THE GARDENER'S SCRAP BOOK

FOR SCALES ON FERNS

INDOOR Ferns as a rule have few insect or disease enemies, but when they do get into trouble no time should be lost in taking effective remedial steps. This bit of advice, indeed, applies to all plants, whether growing in the house or outdoors.

Perhaps the commonest Fern enemy is scale on the stems or leaves. When the infestation appears the plants ought to be turned upside down (of course, holding the soil and roots so that they cannot fall out of the pots) and dipped in a pail filled with a mixture of one ounce of nicotine solution and one-half ounce of soap dissolved in water. After dipping, the plants should be kept in the shade for twenty-four hours. A weekly spraying with the same mixture is an advisable supplementary procedure.

In case the scale infestation has made much headway before discovery, it will be well to remove entirely the most affected fronds before administering the prescribed treatment.

SCALES ON WOODY GROWTHS

THERE is scarcely a month in the year when some sort of spraying is not timely on the country or suburban place, in order to control the insect enemies of flowers, vegetables, shrubs or trees. The season of growth is the busiest, of course, for that is when the bugs of various sorts are actually and actively at work. But there are certain kinds of spraying that can be done only when the plants are dormant. Chief among these are the applications designed to kill the San Jose and oyster-shell scale on fruit trees and some other deciduous plants, notably Lilacs.

These lime-sulphur and miscible oil decoctions for scale are strong stuff—they have to be in order to do their work. They can be used with safety, as far as the tree is concerned, only during the dormant season, for if tender young growth were present they would kill it or at least cause serious injury. Another advantage

The NEW RED-LEAVED JAPANESE Barberry

THIS newest of new shrubs has been one of the most popular shrubs ever introduced. Offered first in 1927 it has met with instant favor.

Foliage is a rich, lustrous, bronzy red becoming more brilliant throughout the summer and changing in the fall to vivid orange, scarlet and red shades.

Its color is similar to the beautiful red-leaved Japanese Maple. Splendid for mixing in shrubby border or for clumps on the lawn. See Special Offer Below.



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Get our big new 1928 catalog and Free Booklet on "How to Plant". The catalog is a veritable index of big values and contains a complete listing of standard and rare varieties as well as the good old favorites. Write today for the catalog and booklet.

Special Offer on Newer Varieties
Anyone or all of the following shrubs shipped postpaid.

Red leaved Japanese Barberry. Bushy Plants 10" to 12"—65c each—4 for \$2.00.

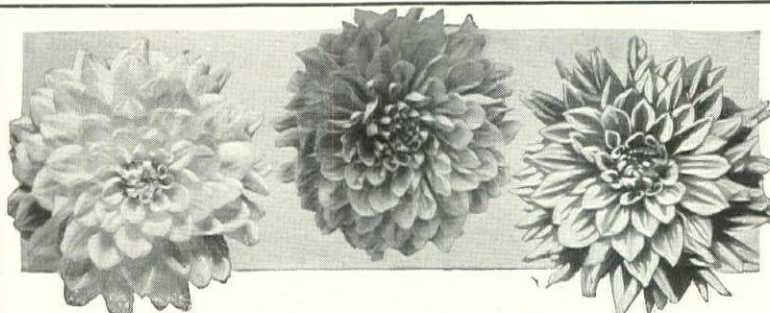
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Never before have these three dahlias met in one collection. That you may enjoy growing postash fed dahlias of proven merit we offer

EASTERN STAR EMMA MARIE CASPER G. WARE

One tuber of each Value \$8.00 for \$5.00 Postpaid

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Bring Beauty to Your Garden with "Silver Columbia"

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Price 50c each for first size plants, post-paid; \$1.50 for two-year-old plants, by express collect. All on own roots. Safe delivery guaranteed.

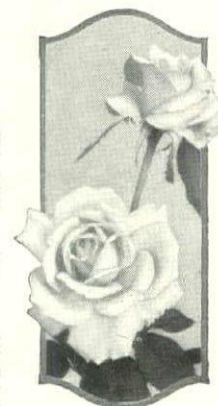
"78 YEARS AMONG THE ROSES"

This new illustrated booklet, with hints on roses and rose gardens for beginners and others, is free on request. So also is our illustrated catalog "New Guide to Rose Culture" offering over 500 roses, plants and bulbs. You will refer to these often. Ask for them now. Send \$5 for trial offer of 6 excellent two year old rose bushes.

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Whether your pool is stocked or not, you should have this catalog. It gives many helpful suggestions not found elsewhere. **FREE UPON REQUEST.** Send for it today. Take advantage of the convenient postpaid collections described in endless numbers.

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Salbach Gladiolus WIN In British Trial Gardens

At the Wisley trials Salbach's gladiolus took three awards, as the following letter testifies:

BRITISH GLADIOLUS SOCIETY

Honorary
Secretary

#10 Bergholt Road
Colchester, England
12th November, 1927

MR. CARL SALBACH
Berkeley, Calif.

Dear Mr. Salbach: Delighted to note the following of your varieties of gladiolus received awards after trial at Wisley: Osalin, Nancy Hanks, and Ada DePoy. Heartiest congratulations.

Yours sincerely
A. E. AMOS

THOSE mentioned above and many other novelties, such as BETTY NUTHALL, a superb variety in a light coral shade, and HELEN WILLS, a magnificent white (exclusively offered by us), are illustrated and described in our 1928 catalog. This catalog of choice gladiolus and dahlias also includes a selected list of the best new and standard varieties introduced by other growers. You should have a copy when planning your garden. Send for it now. FREE ON REQUEST.

CARL SALBACH
Originator and Grower

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The BARCLAY DELPHINIUMS

are truly the cream of American and English Hybrids. Majestic, towering spikes of dignified loveliness—every one of them a "superflower" in color or form—all types entirely new and distinct. My collection is easily considered the largest and finest in America and includes the world renowned "Advancement" and "Wrexham" types—glorious examples of the "Super-Delphinium." I am booking orders now for Spring delivery, all field grown clumps:

Choice Mixed at \$11.00 per doz.

Extra Choice Picked Types, doz. \$25.00 and up.

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THE GARDENER'S SCRAP BOOK

in using them during the leafless period is that there is no foliage to deflect any of the spray before it reaches its real objective.

There is still time to spray for scale before spring growth starts, but the work should be done at once. Unless you have attended to it since last season, it will be a good plan to look over the fruits and deciduous shrubs now and, if a sort of mottled, gray incrustation is found on the twigs or smaller branches, to examine it closely. A test with a knife blade will quickly disclose whether or not it is scale that has taken possession.

SOME PLANTS FOR DRY HILLOCKS

THE selection of plant material that will succeed in making a colorful and hardy showing on those exposed, sunny high spots which the summer bakes so dry in many gardens is not a simple matter. Most of the regular flowers would succumb to such difficult conditions unless watered copiously during dry spells, and even at that the mortality among them is likely to be high.

Where a problem of this sort presents itself one can do far worse than fall back on the members of the Heather family. These sturdy little sub-shrubs delight in exposure provided the soil is acid, and they are particularly lovely when in bloom. For the sake of variety, a few plants of dwarf Blueberry planted among them will provide splendid clumps of glowing red when autumn touches up their leaves.

A quite different sun and acid-loving flower is *Lilium Philadelphicum*, that upright-flowered, orange-red Lily so often seen in July on the waste hillsides of New England. It has the reputation of being difficult under cultivation, but if given the natural conditions which it loves it will do well. The bulbs may be dug in the fall where they are plentiful and immediately replanted. Select them from sites similar to the one where they are to go, and replant them at the depth at which they were growing.

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Here are two wonderful NEW varieties that are in a class by themselves:

EMILE AUBRUN—Coppery-bronze with large Cherry Red blotch; long spikes with 8 to 12 immense blooms open at a time.....Each \$1.00

GOLDEN DREAM—Beautiful clear deep Yellow with no markings whatever; 6 to 8 blooms open; positively the finest clear Yellow in existence.....Each \$2.00

Both Varieties for \$2.50

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100 LARGE BULBS in various shades of Red, Yellow, Pink, Salmon, Blue, Orange, Smoke, White, Cream; at least 25 varieties, all good ones, but not labeled as to name, for.....\$3.00

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Send for the Catalog that is "different", listing best varieties from the leading hybridizers of the world.

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Did You Ever See A Red-Leaved Barberry?

THIS really worthwhile novelty will add much interest to your grounds. Similar to the green-leaved Japanese Barberry, but with foliage of a rich, Bronzy Red. Plant in a sunny spot and it will develop gorgeous beauty. Send \$2 and we'll mail you three of these choice shrubs, 12-15 in. postpaid.

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One packet each of Ponderosa Tomato, Big Boston Lettuce, Early Scarlet Turnip, Radish, Invincible Asters, Brilliant Mixture Poppies, and Giant Waved Spencer Sweet Peas.

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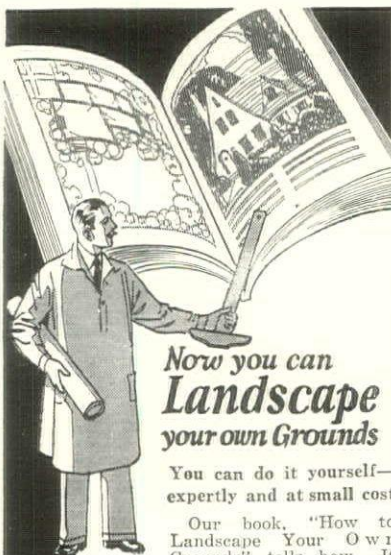
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EVER since our introduction of Elite Glory, many Dahlia enthusiasts have learned to look forward to the Elite introductions of each season before planning their gardens. This gigantic Dahlia, which literally created a sensation, has been followed by other originations of uniform excellence.

Elite Gem, Elite Peach and Elite Surprise are among the new sorts which we recommend to garden lovers who desire the finest flowers in 1928.

These and other varieties are fully described in our catalog, which likewise lists many perennial plants. If you have not received a copy, please send us your name and address.

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Growers of Dahlias Elite



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THE GARDENER'S SCRAP BOOK

It would be too bad to miss that splendid summer flower flame, the Butterflyweed (*Asclepias tuberosa*). Here is a gorgeous orange-flowered herbaceous plant that flourishes amazingly in dry, sun-baked places. Its blossoms are long-lived, and while they are in evidence they make all else subordinate to their commanding hue.

And while you are about it, do not forget the winsome Birds-foot Violet, in both the *bicolor* and self-colored forms. They, too, like acid soil and full exposure—in fact, without these conditions they are quite likely to fall far short of their native beauty.

SAVING THE FORCED BULBS

BULBS like Narcissus, Tulips and Hyacinths in soil and pots that have been forced for bloom indoors will be useless for this purpose next year, but they do not need to become a total loss after their flowers have gone by. If they are handled with proper care they can still be induced to give several seasons of colorful spring bloom in the garden.

The correct way to handle such bulbs is to keep them growing on in the pots until their leaves turn brown, providing water, warmth and sunlight just as though the flower stalks were still fresh. When the foliage changes color begin to water less and less until, about the time the leaves give way and fall, watering ceases entirely. After this store them, pots and all, in some dry and cool place until the month of October, when they may safely be planted outdoors in the regular way.

Bulbs handled in this way will gradually regain normal strength and ought to give normal bloom in the second season after being set out. They may produce some flowers the first spring, but these generally will be much below par.

There is little use in trying to save bulbs that have been forced in water. These have no opportunities to ripen off properly, for there is no soil from which they can regain strength.

Rock Garden Favorites

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| 5 Dicentra Formosa (Pink) | @ .50c each |
| 5 Helianthemum (Red) | @ .50c " |
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This collection for \$10.00
Not less than 5 of each variety
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FUNGTOGEN acts like magic on mildewed roses and other flowers. Spray a thin, invisible film of Fungtrogen on diseased plants and almost overnight Mildew or Black Spot is under control. Easy to apply. By its use amateurs get professional results, larger blooms, sturdier plants. No discoloration.

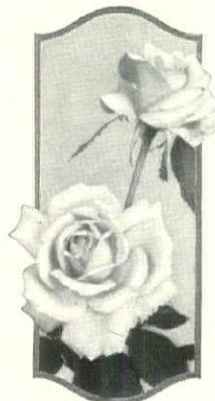
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Makers of companion sprays. Aphistrogen; for plant lice; Insectogen; for leaf chewing insects

Fungtrogen
FUNGICIDE FERTILIZER
TRADE MARK



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May Now
Have a
Water Garden



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Carnea (Marliac flesh)
Chromatella (Marliac flesh)
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6 Perennials for border

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Includes 3 Water Lilies, pink, blue, and yellow; 20 Aquatic Plants in 10 varieties; 12 Gold Fishes; 2 Calico Fishes; Collection of Tad Poles, Jap Snails and other scavengers to keep water clean and pure; 1 lb. of dried Shrimp fish food. All for \$10.

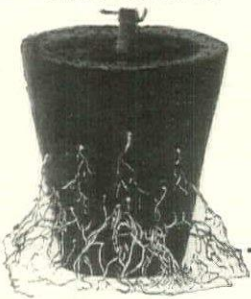
OUR NEW CATALOG ILLUSTRATED IN COLORS—tells you how to construct a pool or plant a sunken Water Lily tub; describes culture of Water Lilies, Aquatic Plants and Ornamental Fishes. Sent free upon request.

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REGISTERED
GROWELL
TRADE MARK
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Grows Robust Plants From
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*This simple method produces
sturdy plants. Start seed, seedlings
or rooted cuttings in Growell Pots.
Never a pot like it before.*

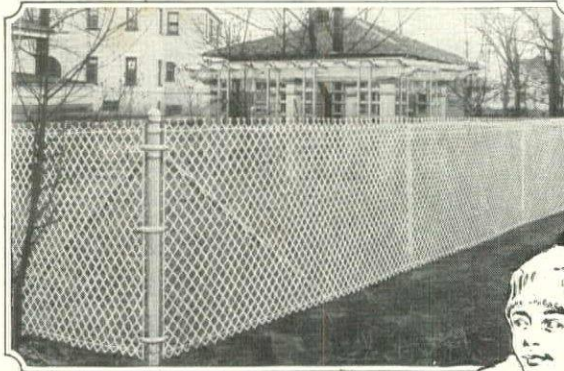
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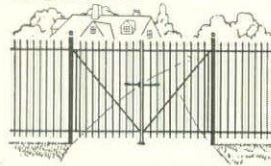
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Wren House



Flicker House

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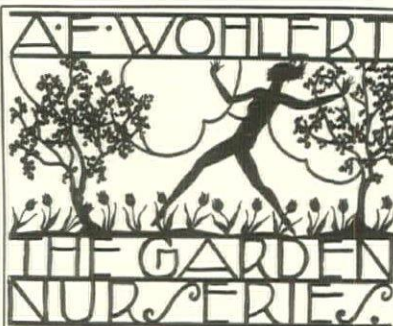
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This fascinating book, "Your Bird Friends and How to Win Them" sent to anyone who loves our beautiful song birds. It illustrates, describes and gives prices on all styles of bird houses, shelters, bird baths, special foods, etc. Mailed free on request.

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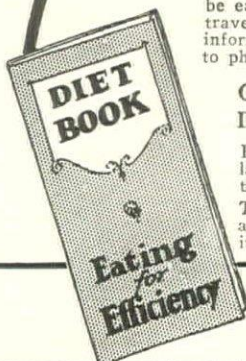
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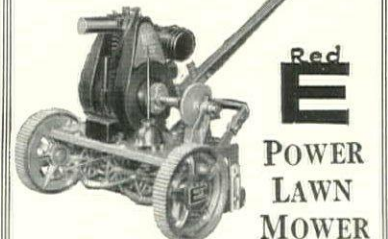
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MODERN MACHINE WORKS
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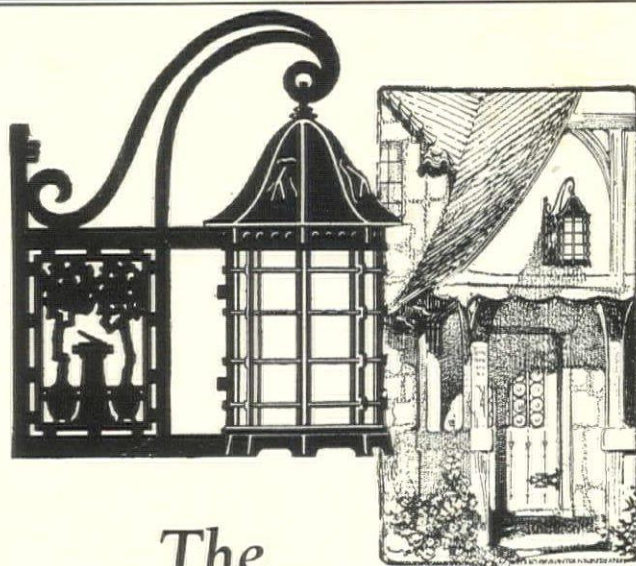
195 Milwaukee St., Milwaukee, Wis.

If I were a pedestrian

and had to walk along dark, heavily traveled roads, no motor-car would ever tackle me for a loss. Because I'd carry a lighted flashlight so that all drivers could see me . . . in time!

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Get the flashlight habit. It pays. And that's no "light" fiction!



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Priscilla
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Exquisite Patterns—Early American, Spanish, Italian

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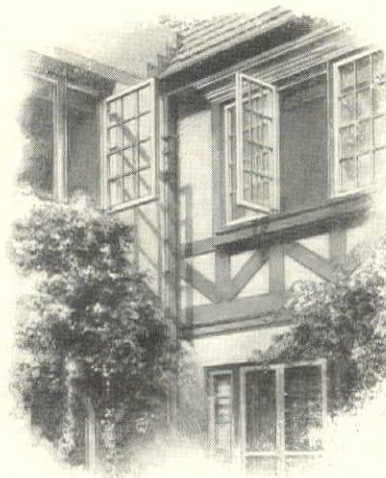
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Newtonville, Mass.



Look!

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"tailor-made"
by Experts



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FREE—This book of suggestions on screening the home



A Suggestion: Screens should be ordered now so as to get the full season's use from them and also to prevent insects from gaining a foothold in the home.

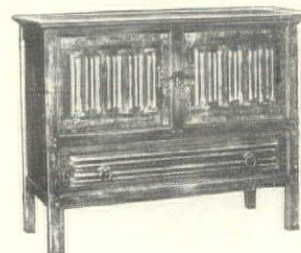
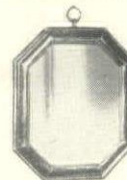
THE SCREEN MANUFACTURERS ASSOCIATION OF AMERICA
458 East McMillan Street, Cincinnati, Ohio

Send book and name of member near me

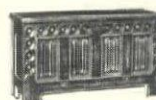
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Send for Prints

Without obligation we will send portfolio sheets of Charlotte groups. Please state what styles and woods you prefer.

CHARLOTTE FURNITURE CO.
CHARLOTTE, MICHIGAN



IT'S ON PAGE



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You read *House & Garden* because you are interested in and appreciate the things that go to make your home more comfortable, convenient and attractive, indoors and out. As a practical magazine most of the articles and illustrations it contains are about things which you may obtain to use in your own home.

You are also naturally interested in knowing about all quality products—be they building materials, automobiles, radios or perfumes. You will find in the advertising pages of *House & Garden* almost every type of product on the market—provided it is a quality product.

We would not be living up to our full usefulness unless we helped you find these things, many of which are advertised in the magazine. So, for your convenience, this classified list of quality products in this issue of *House & Garden* is presented. It will assist you in making the best selection.

In justice to yourself look over the advertising here before deciding and write to the advertisers for their suggestions. You will find them very happy to be of assistance—and when you have made your choice you will be confident that you have not left many good things uninvestigated.

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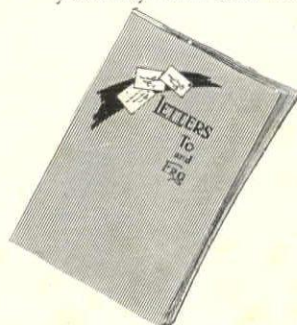
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